

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040924\
 Data File : VW028371.D
 Acq On : 09 Apr 2024 18:15
 Operator : SY/MD
 Sample : P2037-03MS
 Misc : 4.13g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MS

Quant Time: Apr 10 01:20:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	475928	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	437267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	203324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157514	20.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
7) Chloroethane-d5	2.899	69	126591	21.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	4.027	65	66849	20.689	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.760%
21) 2-Butanone-d5	7.075	46	67615	47.358	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.720%
24) Chloroform-d	7.648	84	280625	22.596	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	8.307	65	148902	23.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.280%
32) Benzene-d6	8.270	84	541101	22.652	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	9.270	67	163450	23.020	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.325	98	491668	22.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.575	79	63785	22.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.360%
47) 2-Hexanone-d5	10.922	63	48002	48.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119948	23.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	147556	22.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	111107	17.357	ug/L	92
3) Chloromethane	2.223	50	152050	20.232	ug/L	99
5) Vinyl chloride	2.375	62	172334	19.255	ug/L	99
6) Bromomethane	2.790	94	106810	19.101	ug/L	99
8) Chloroethane	2.936	64	104452	19.360	ug/L	99
9) Trichlorofluoromethane	3.271	101	138318	19.372	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	116317	17.316	ug/L	95
12) 1,1-Dichloroethene	4.045	96	120375	19.086	ug/L	96
13) Acetone	4.119	43	78430	44.738	ug/L	95
14) Carbon disulfide	4.393	76	377459	18.178	ug/L	99
15) Methyl Acetate	4.667	43	51241	18.166	ug/L	100
16) Methylene chloride	4.923	84	137827	19.138	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	126131	18.985	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	192749	20.624	ug/L	99
19) 1,1-Dichloroethane	6.216	63	256814	19.840	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	138719	19.673	ug/L	97
22) 2-Butanone	7.167	43	93715	44.049	ug/L	98
23) Bromochloromethane	7.520	128	57761	19.018	ug/L	99
25) Chloroform	7.679	83	256879	20.202	ug/L	96

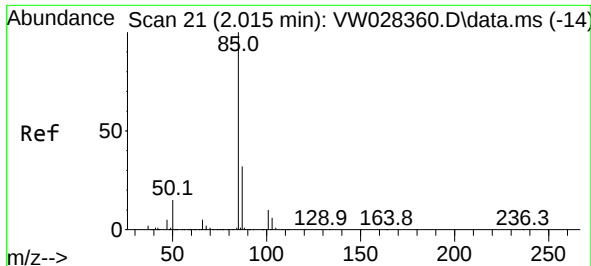
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 Quant Title : SFAM01.0
 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173790	19.802	ug/L	99
29) Cyclohexane	7.959	56	229521	19.872	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	208446	19.656	ug/L	100
31) Carbon tetrachloride	8.069	117	183363	19.498	ug/L	98
33) Benzene	8.325	78	544347	19.911	ug/L	100
34) Trichloroethene	9.093	95	140805	19.005	ug/L	98
35) Methylcyclohexane	9.331	83	231039	18.274	ug/L	99
37) 1,2-Dichloropropane	9.368	63	141574	19.868	ug/L	100
38) Bromodichloromethane	9.642	83	178117	20.167	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	215076	20.583	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	163392	45.806	ug/L	99
42) Toluene	10.386	91	581624	20.081	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	173224	20.492	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	95270	19.762	ug/L	93
46) Tetrachloroethene	10.861	164	106383	19.223	ug/L	88
48) 2-Hexanone	10.965	43	133733	47.232	ug/L	97
49) Dibromochloromethane	11.123	129	106567	20.682	ug/L	97
50) 1,2-Dibromoethane	11.233	107	87242	19.828	ug/L	98
51) Chlorobenzene	11.654	112	353197	19.619	ug/L	94
52) Ethylbenzene	11.727	91	648321	19.747	ug/L	99
53) m,p-Xylene	11.837	106	244214	20.002	ug/L	91
54) o-Xylene	12.160	106	226664	19.938	ug/L	91
55) Styrene	12.178	104	389774	20.145	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	111438	20.426	ug/L	98
59) Bromoform	12.349	173	57361	21.372	ug/L	99
60) Isopropylbenzene	12.459	105	643424	21.108	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	79528	21.394	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	404894	20.841	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	495964	21.212	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	254654	19.689	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	253120	19.239	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	226813	19.936	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	16841	19.771	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	158278	17.784	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121241	17.444	ug/L	91
71) Naphthalene	15.354	128	249739	20.303	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105581	17.119	ug/L	97

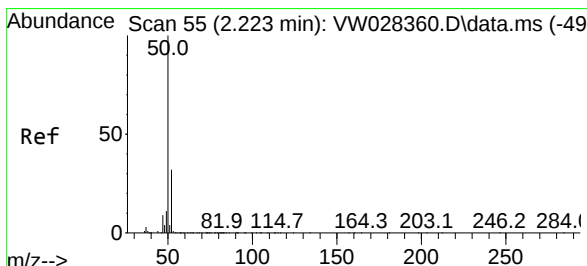
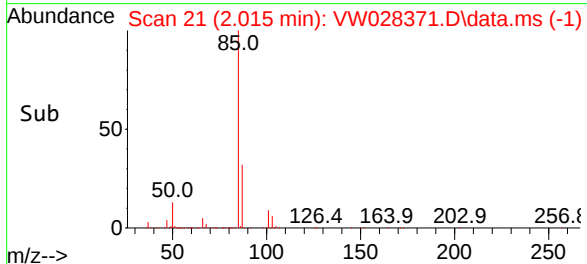
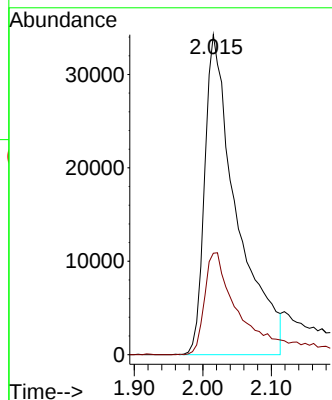
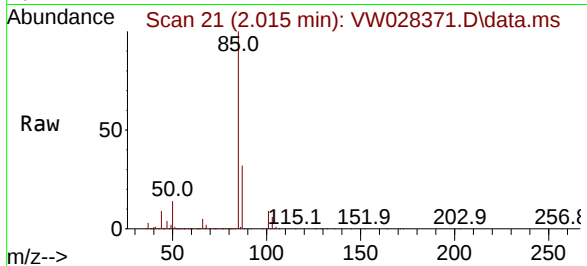
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 17.357 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

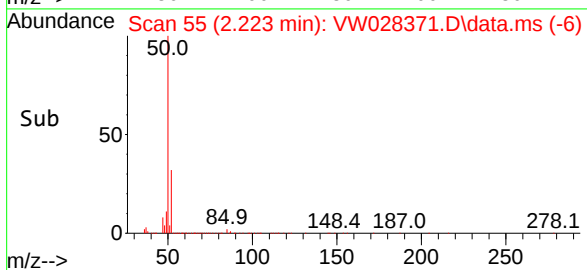
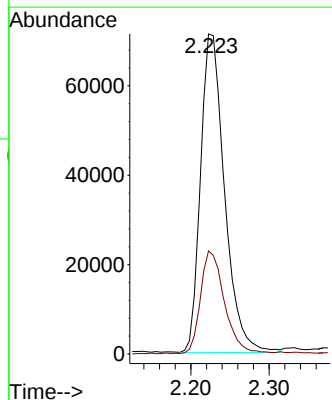
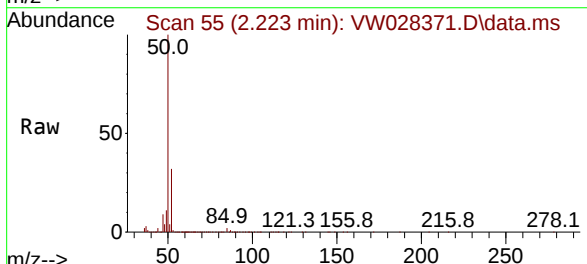
Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MS

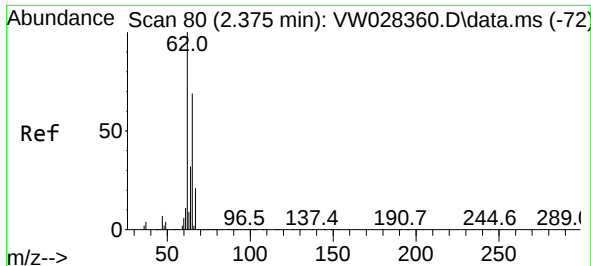
Tgt Ion: 85 Resp: 111107
 Ion Ratio Lower Upper
 85 100
 87 33.6 23.4 35.0



#3
 Chloromethane
 Concen: 20.232 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Tgt Ion: 50 Resp: 152050
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6

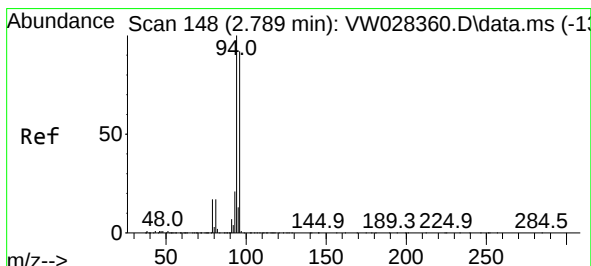
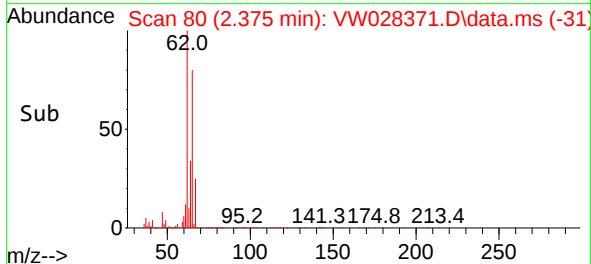
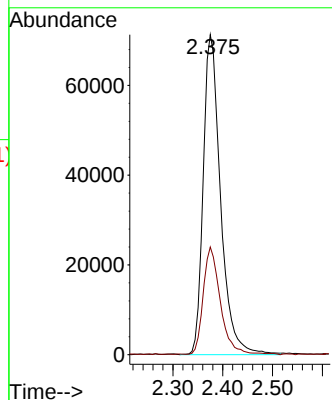
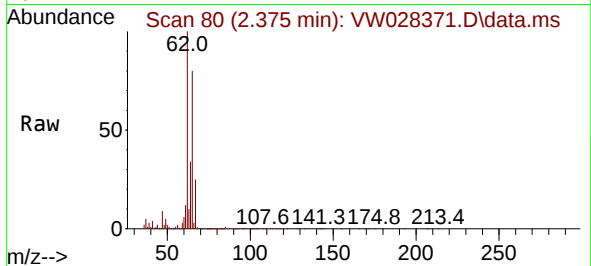




#5
 Vinyl chloride
 Concen: 19.255 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

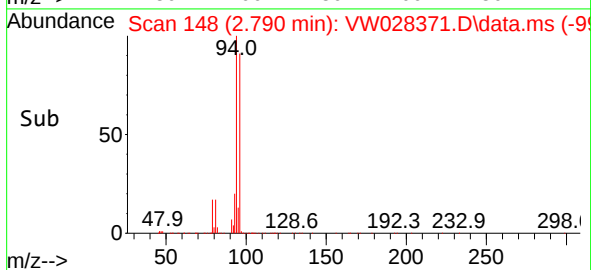
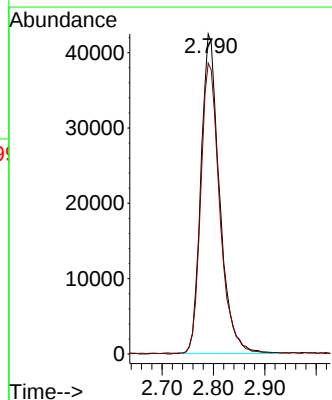
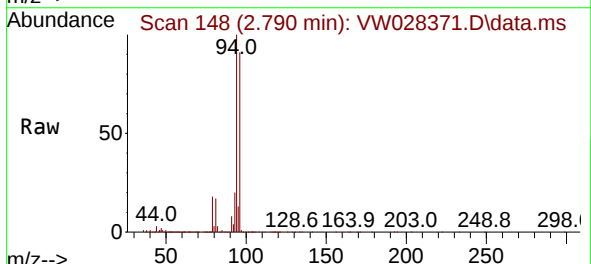
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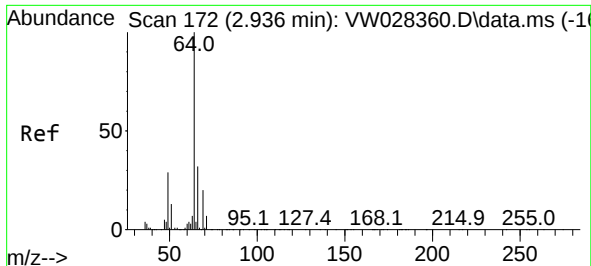
Tgt Ion: 62 Resp: 172334
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 19.101 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Tgt Ion: 94 Resp: 106810
 Ion Ratio Lower Upper
 94 100
 96 90.9 64.3 119.5

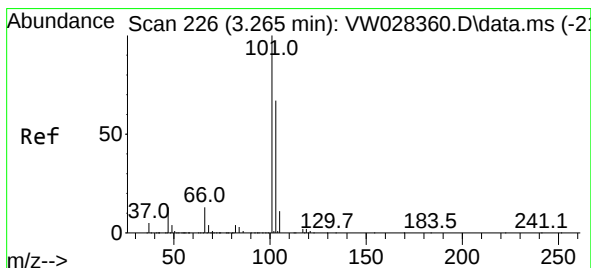
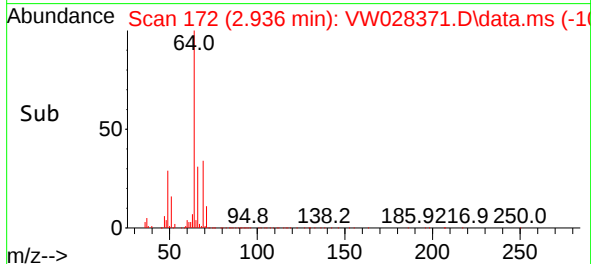
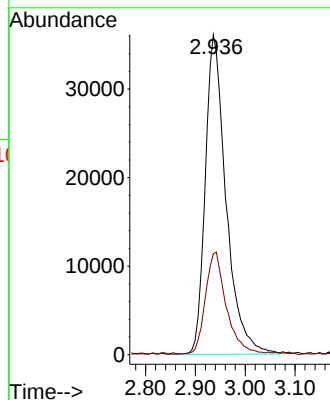
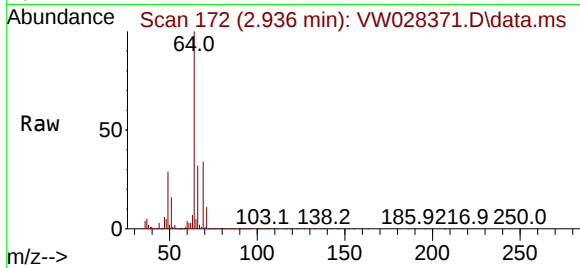




#8
Chloroethane
Concen: 19.360 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

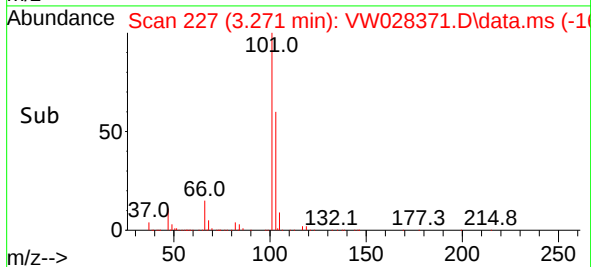
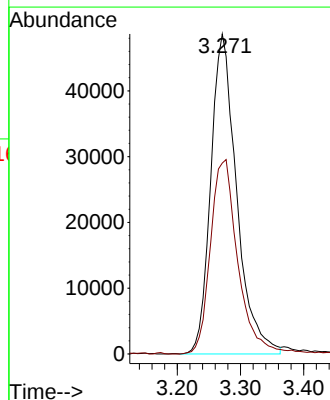
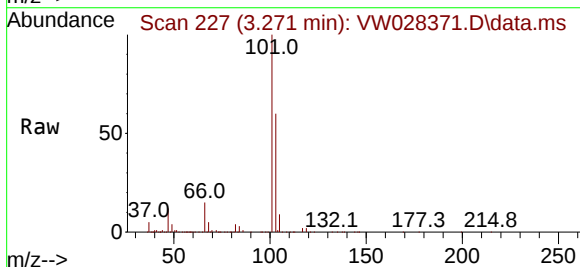
Instrument :
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ClientSampleId :
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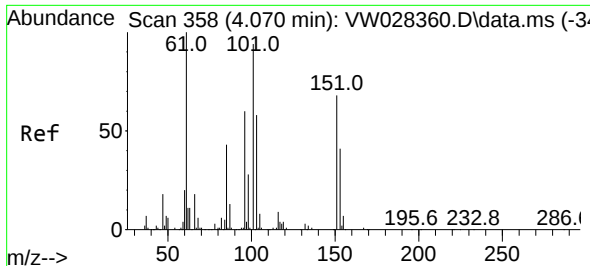
Tgt Ion: 64 Resp: 104452
Ion Ratio Lower Upper
64 100
66 31.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.372 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 101 Resp: 138318
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

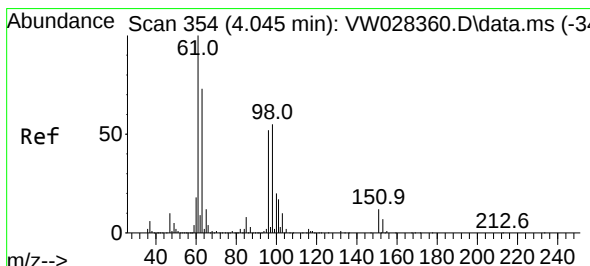
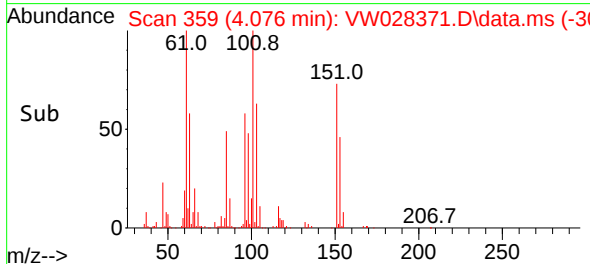
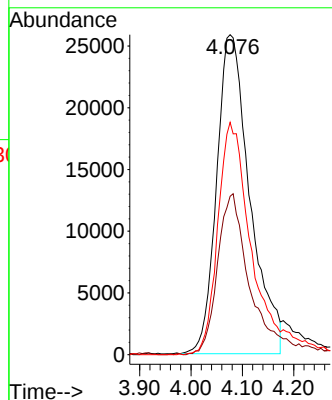
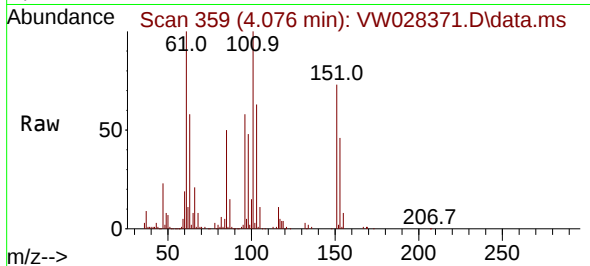




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.316 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

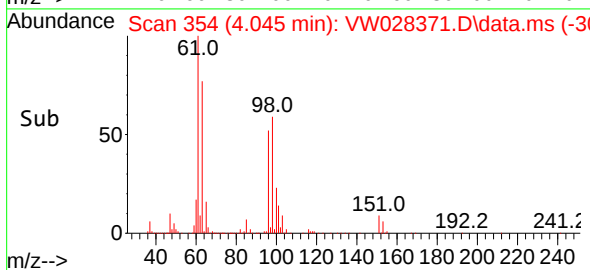
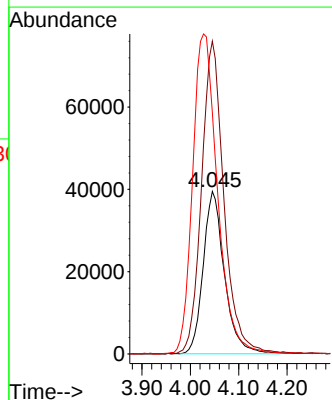
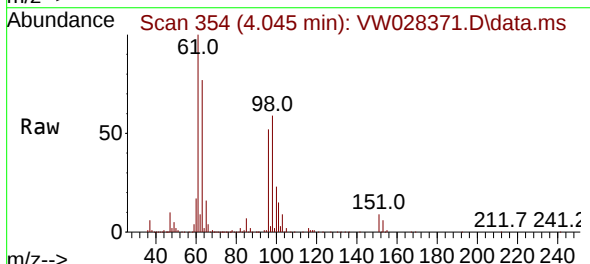
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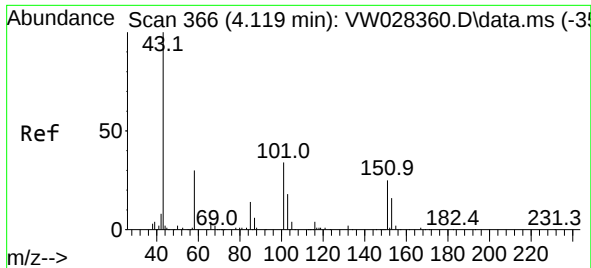
Tgt Ion: 101 Resp: 116317
 Ion Ratio Lower Upper
 101 100
 85 48.7 34.5 51.7
 151 70.2 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 19.086 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Tgt Ion: 96 Resp: 120375
 Ion Ratio Lower Upper
 96 100
 61 192.5 130.5 242.5
 63 148.6 101.5 188.5





#13

Acetone

Concen: 44.738 ug/L

RT: 4.119 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

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MSVOA_W

ClientSampleId :

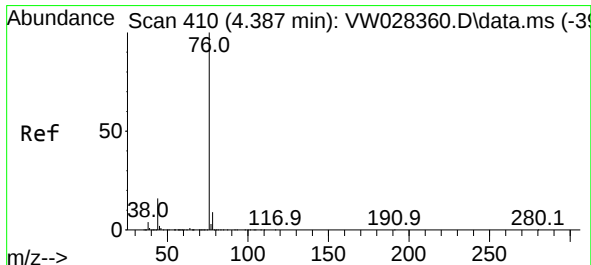
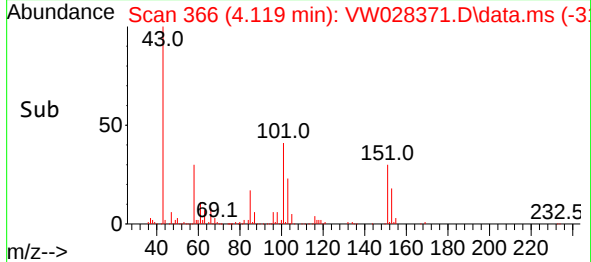
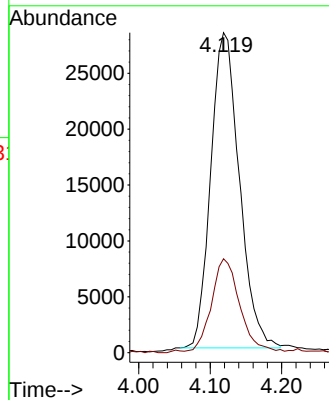
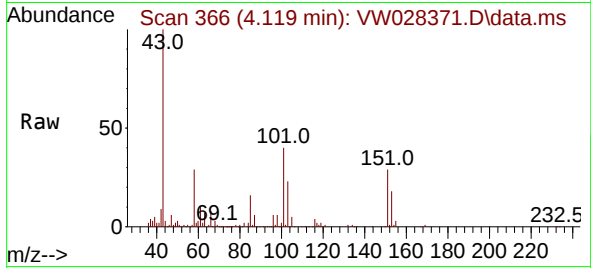
E1CY1MS

Tgt Ion: 43 Resp: 78430

Ion Ratio Lower Upper

43 100

58 29.4 0.0 53.4



#14

Carbon disulfide

Concen: 18.178 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW028371.D

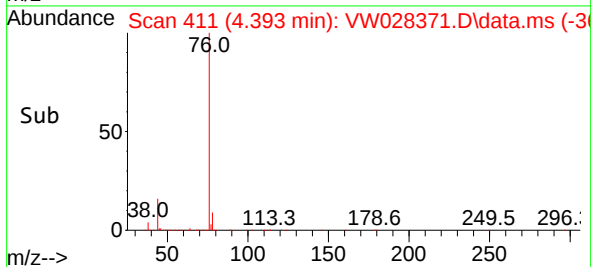
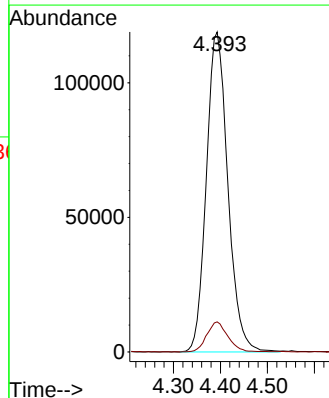
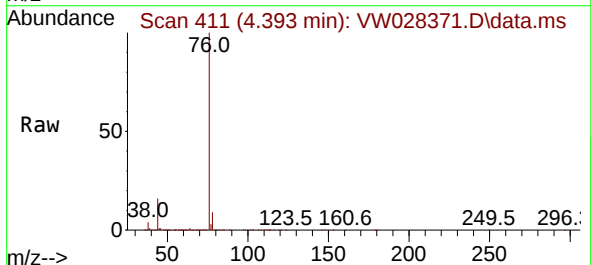
Acq: 09 Apr 2024 18:15

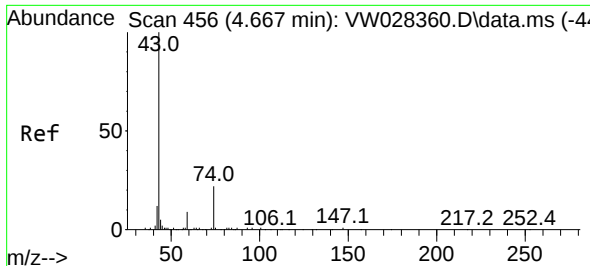
Tgt Ion: 76 Resp: 377459

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

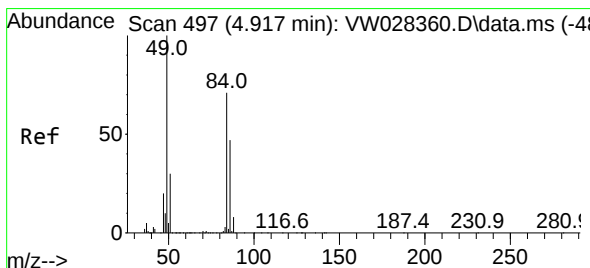
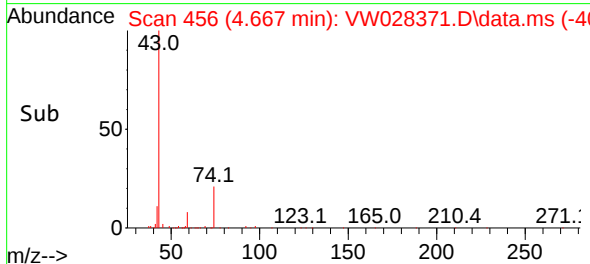
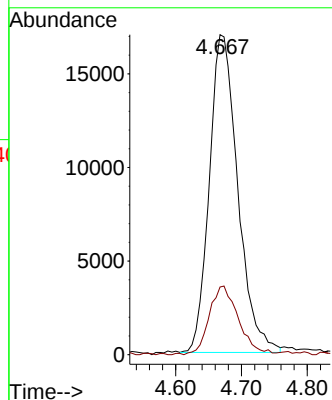
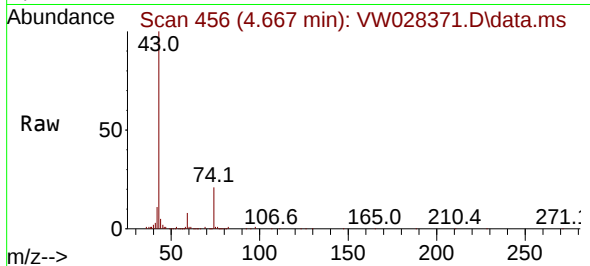




#15
Methyl Acetate
Concen: 18.166 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

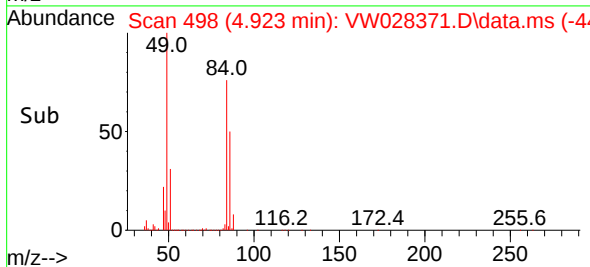
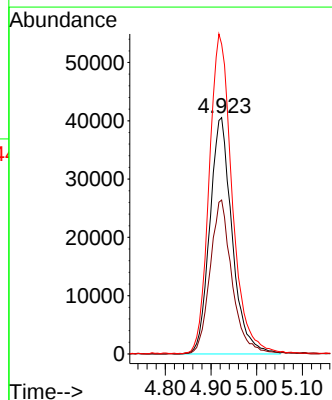
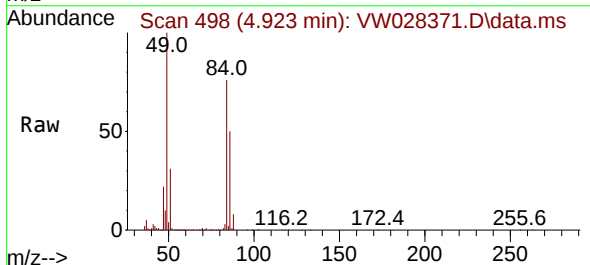
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

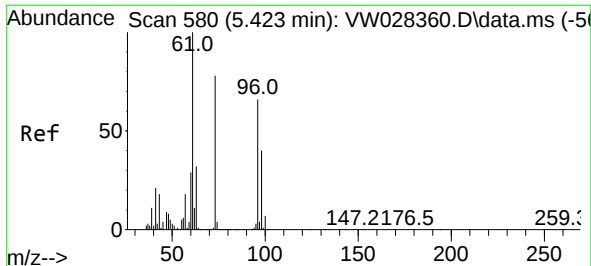
Tgt Ion: 43 Resp: 51241
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.0



#16
Methylene chloride
Concen: 19.138 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 84 Resp: 137827
Ion Ratio Lower Upper
84 100
86 65.1 44.2 82.0
49 131.1 95.0 176.4

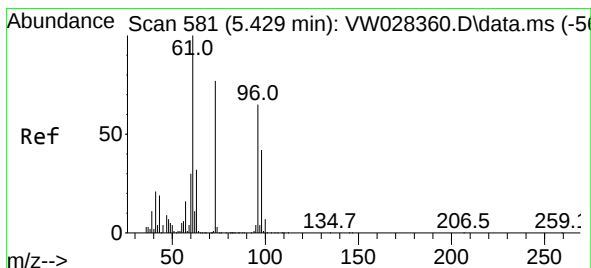
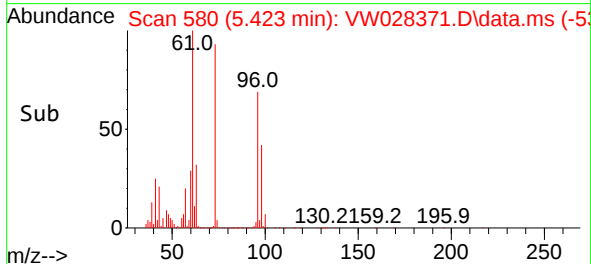
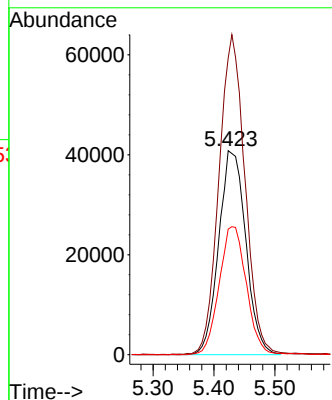
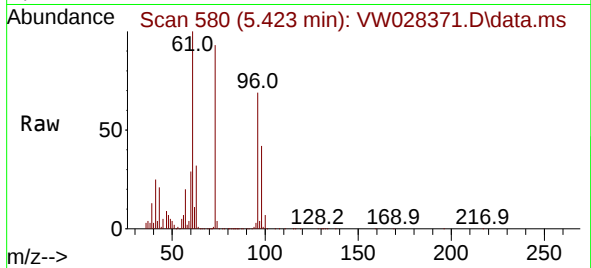




#17
trans-1,2-Dichloroethene
Concen: 18.985 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

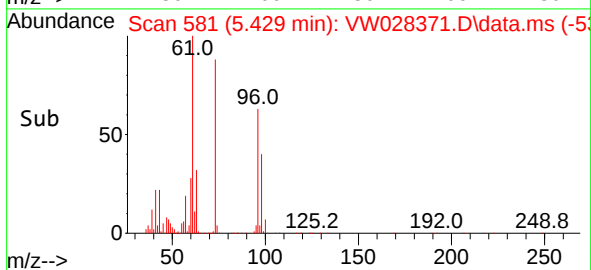
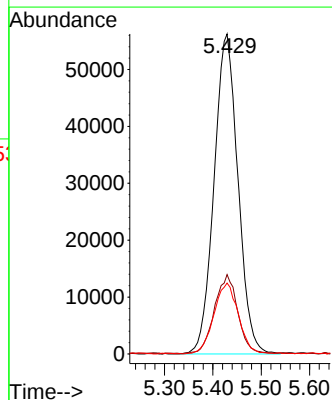
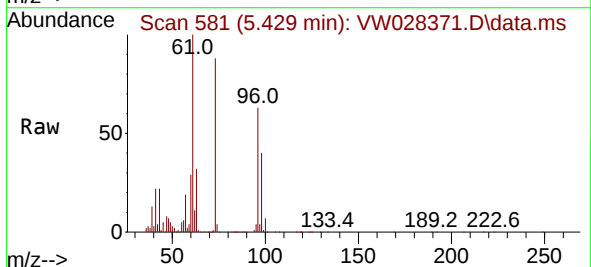
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

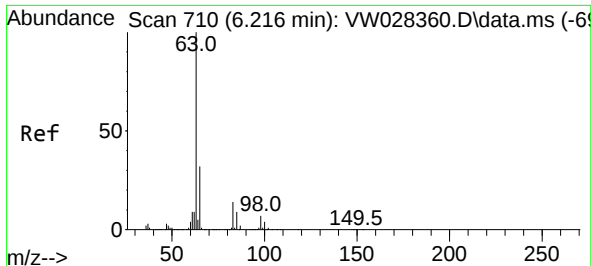
Tgt Ion: 96 Resp: 126131
Ion Ratio Lower Upper
96 100
61 145.4 108.4 201.4
98 61.6 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 20.624 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 73 Resp: 192749
Ion Ratio Lower Upper
73 100
43 23.8 18.5 27.7
57 22.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 19.840 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MS

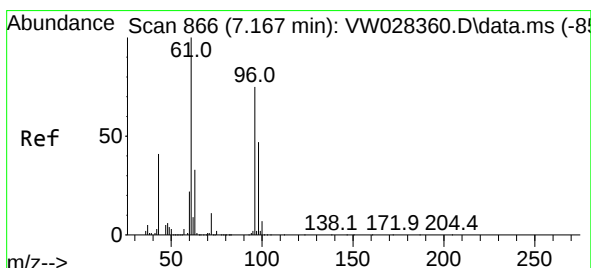
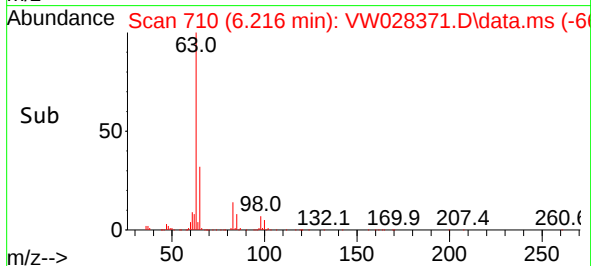
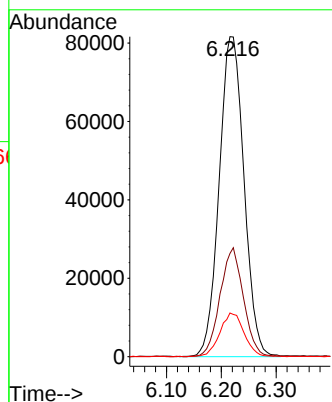
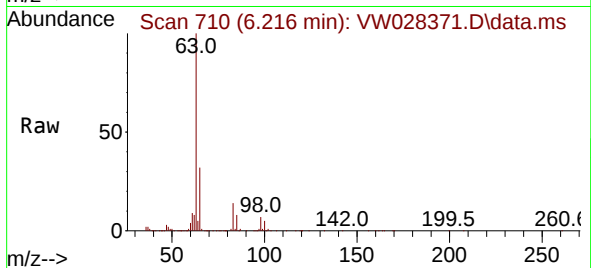
Tgt Ion: 63 Resp: 256814

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.4

83 13.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 19.673 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

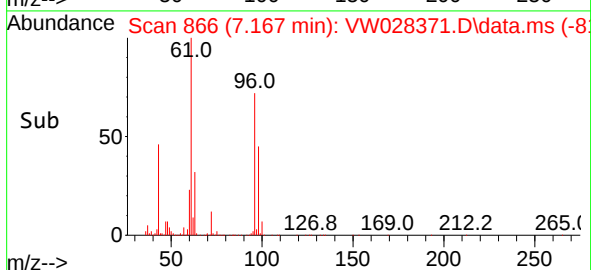
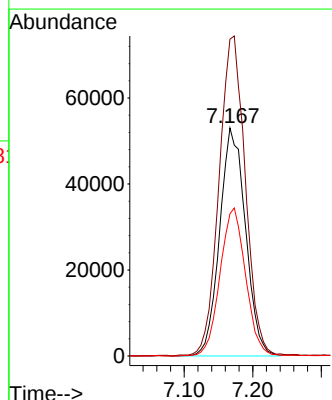
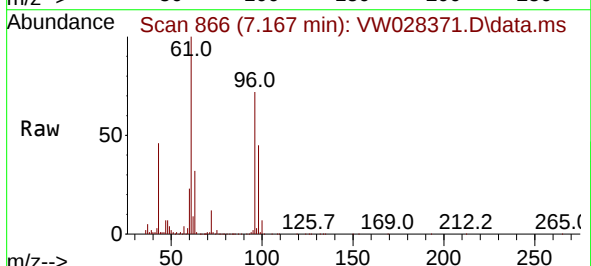
Tgt Ion: 96 Resp: 138719

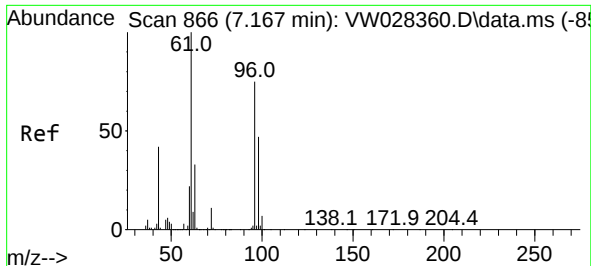
Ion Ratio Lower Upper

96 100

61 139.0 97.6 181.2

98 62.3 47.7 88.5

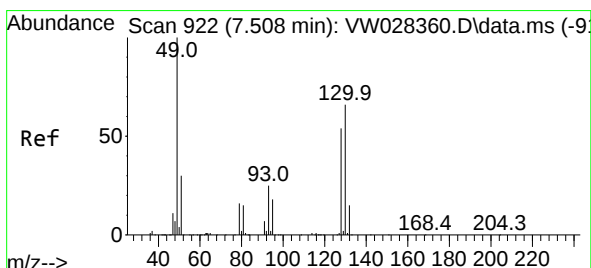
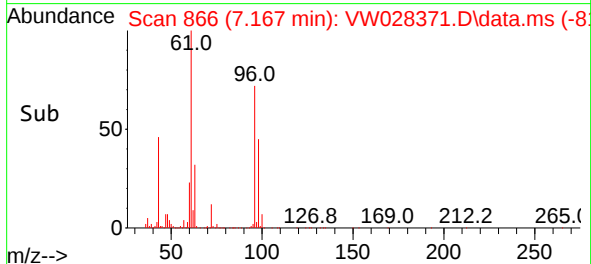
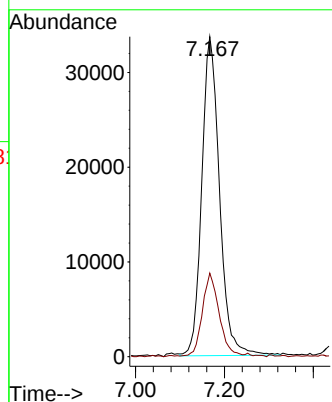
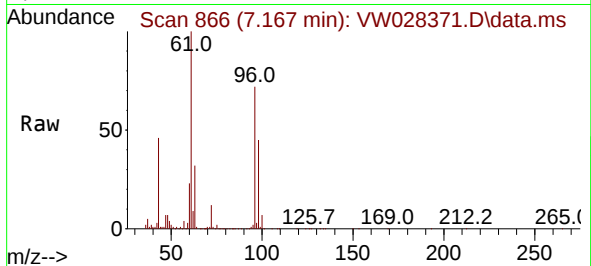




#22
2-Butanone
Concen: 44.049 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

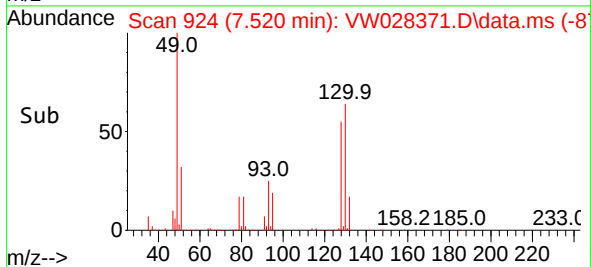
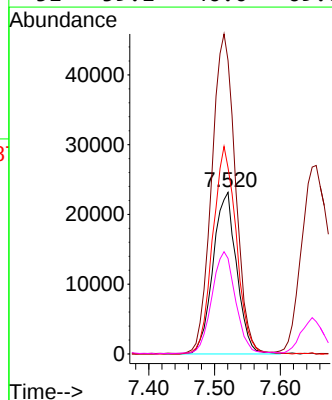
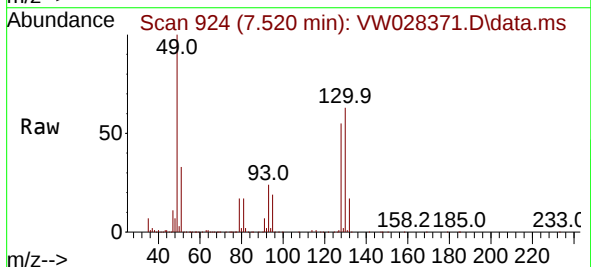
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

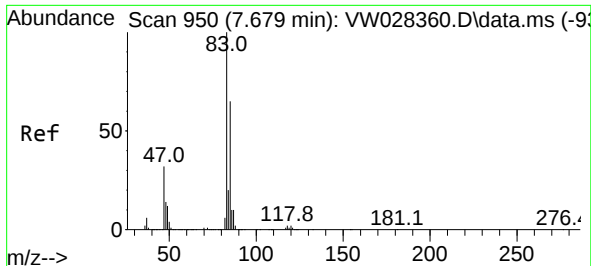
Tgt Ion: 43 Resp: 93715
Ion Ratio Lower Upper
43 100
72 24.6 12.8 38.4



#23
Bromochloromethane
Concen: 19.018 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 128 Resp: 57761
Ion Ratio Lower Upper
128 100
49 181.5 127.1 236.0
130 115.2 78.3 145.5
51 59.1 46.0 69.0

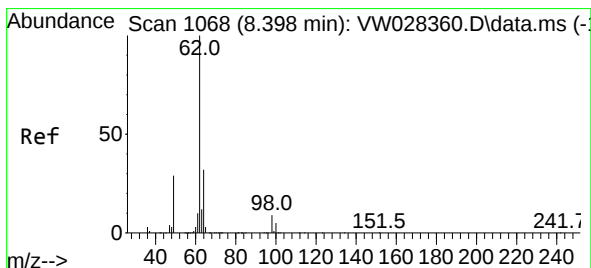
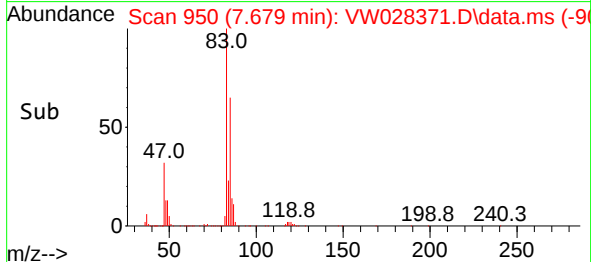
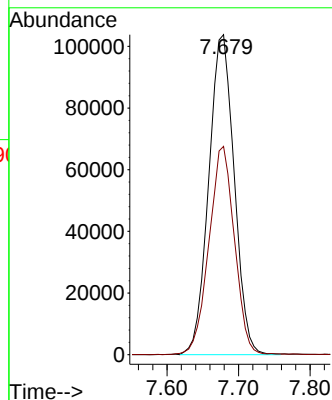
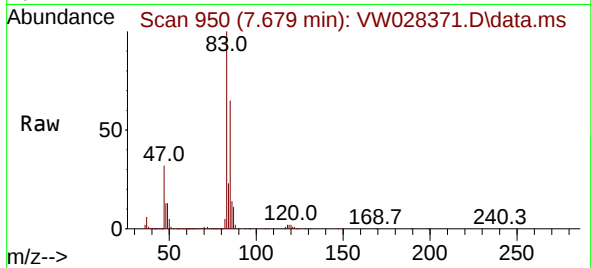




#25
Chloroform
Concen: 20.202 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

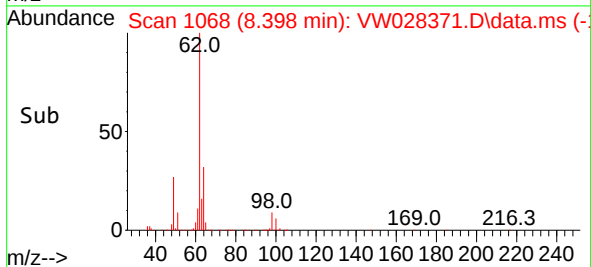
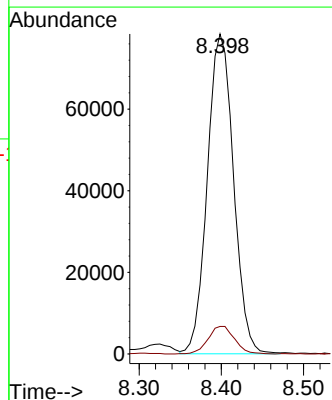
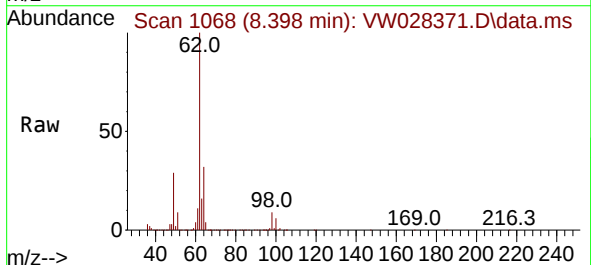
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

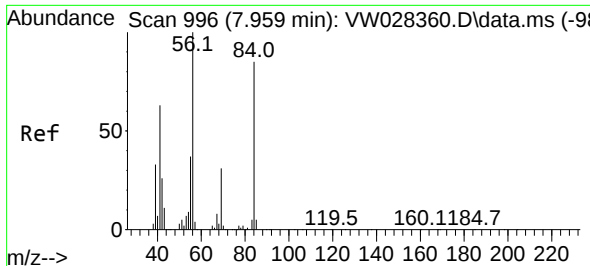
Tgt Ion: 83 Resp: 256879
Ion Ratio Lower Upper
83 100
85 65.1 47.7 88.7



#27
1,2-Dichloroethane
Concen: 19.802 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 62 Resp: 173790
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0

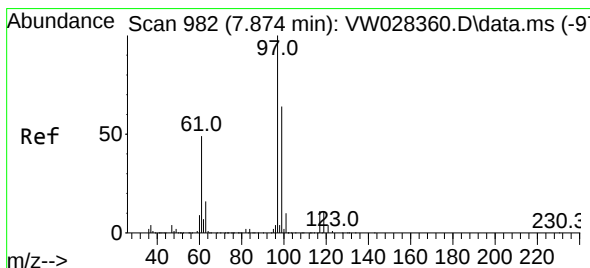
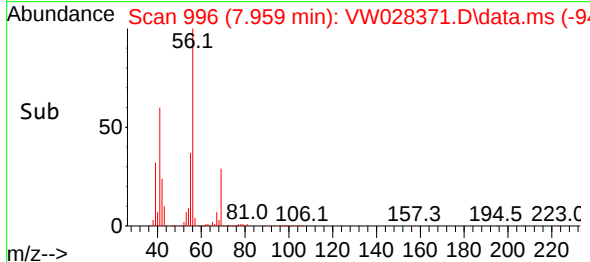
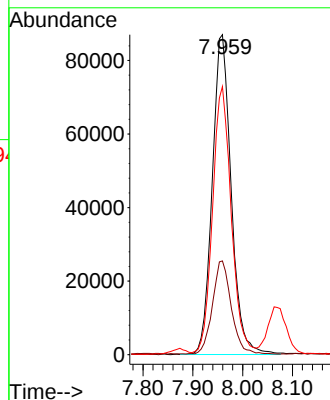
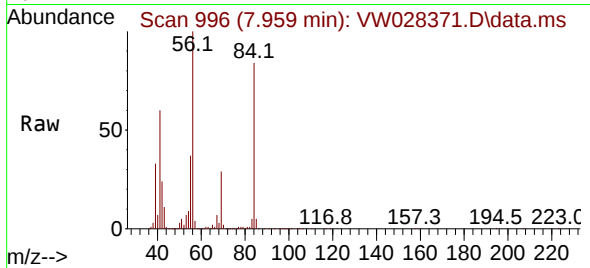




#29
Cyclohexane
Concen: 19.872 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

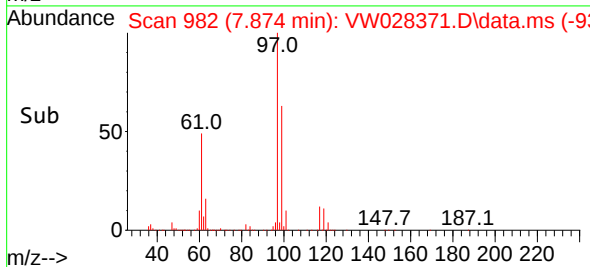
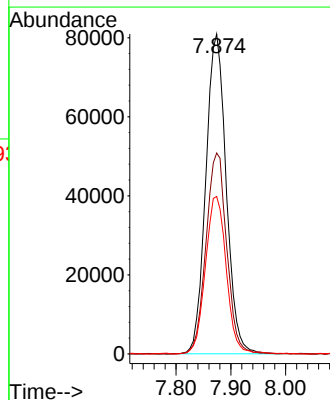
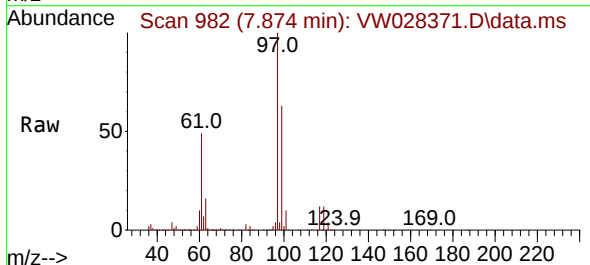
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

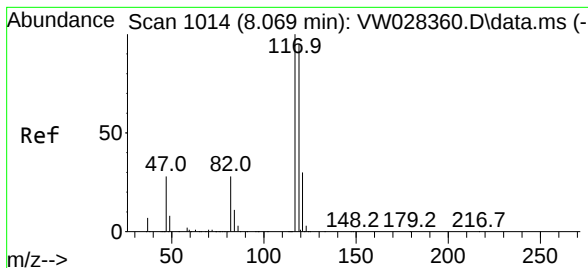
Tgt Ion: 56 Resp: 229521
Ion Ratio Lower Upper
56 100
69 28.7 23.8 35.6
84 82.5 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 19.656 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 97 Resp: 208446
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 50.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 19.498 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

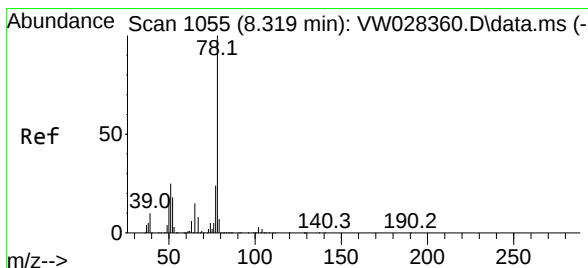
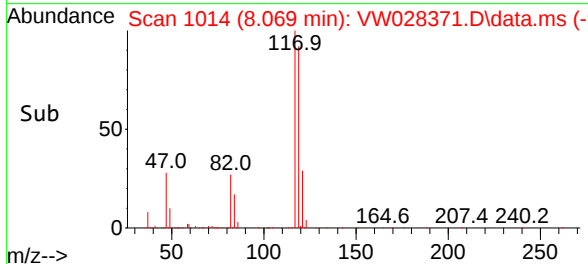
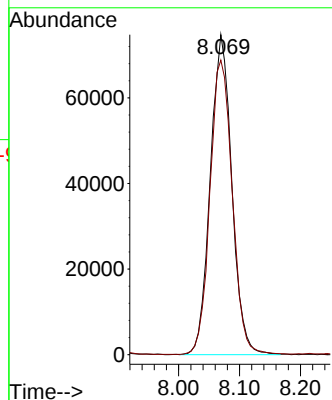
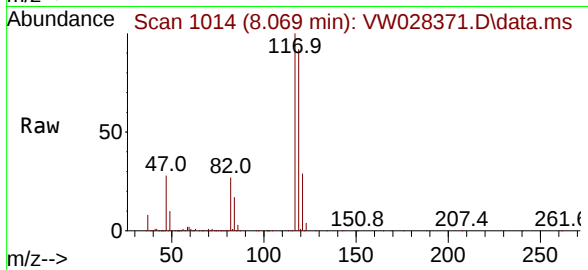
E1CY1MS

Tgt Ion:117 Resp: 183363

Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.2



#33

Benzene

Concen: 19.911 ug/L

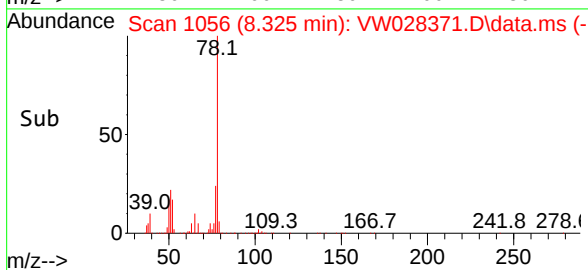
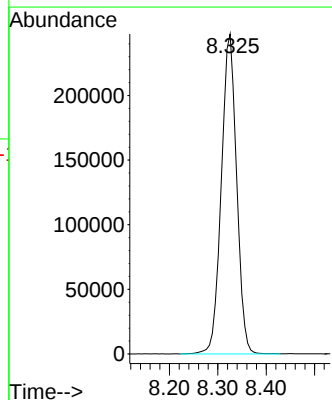
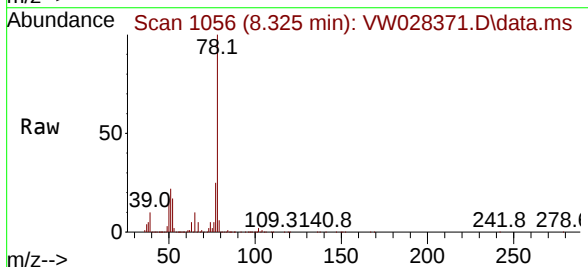
RT: 8.325 min Scan# 1056

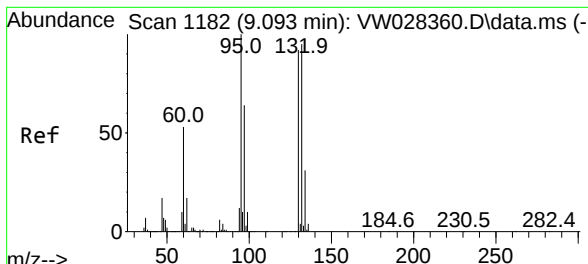
Delta R.T. 0.006 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Tgt Ion: 78 Resp: 544347



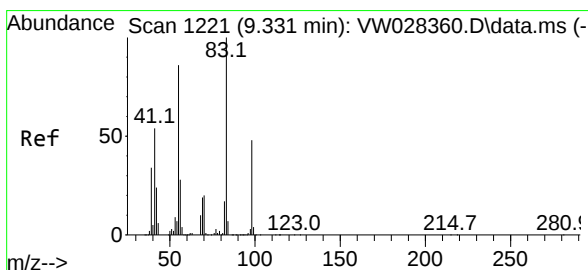
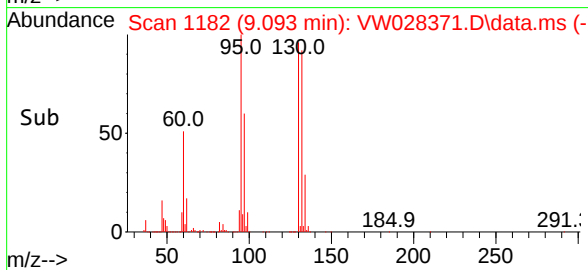
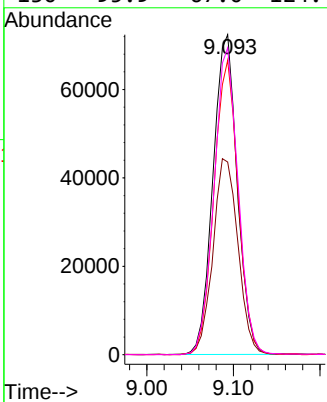
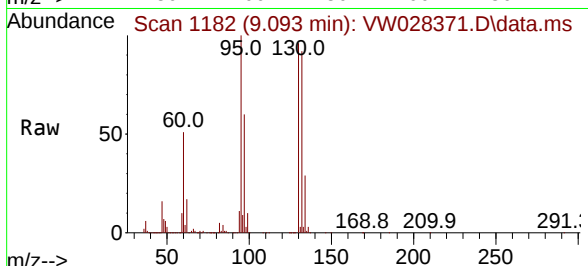


#34
 Trichloroethene
 Concen: 19.005 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MS

Tgt Ion: 95 Resp: 140805

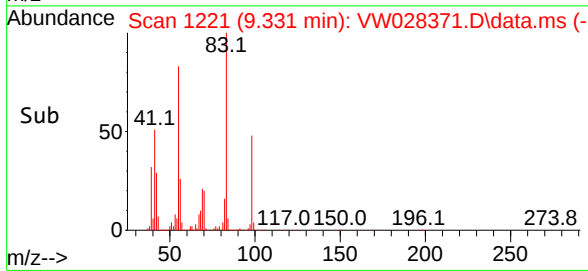
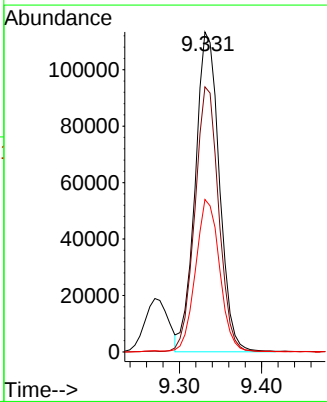
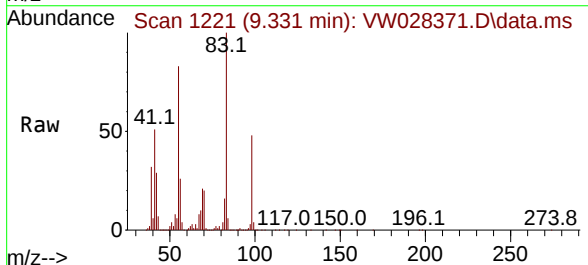
Ion	Ratio	Lower	Upper
95	100		
97	60.2	43.8	81.4
132	92.0	66.1	122.8
130	95.9	67.0	124.4

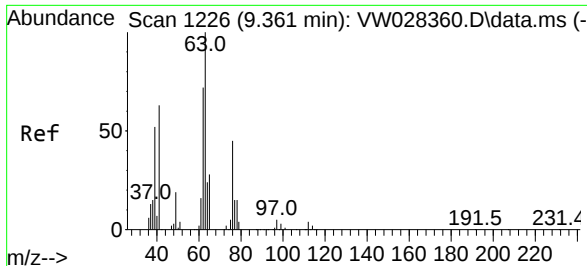


#35
 Methylcyclohexane
 Concen: 18.274 ug/L
 RT: 9.331 min Scan# 1221
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Tgt Ion: 83 Resp: 231039

Ion	Ratio	Lower	Upper
83	100		
55	81.4	65.7	98.5
98	47.8	38.6	58.0





#37

1,2-Dichloropropane

Concen: 19.868 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

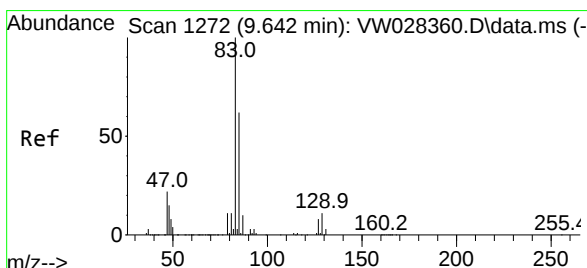
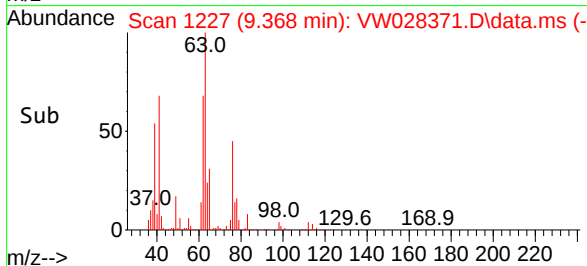
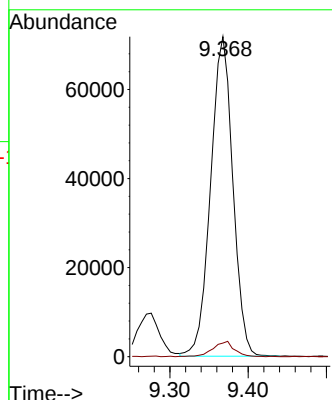
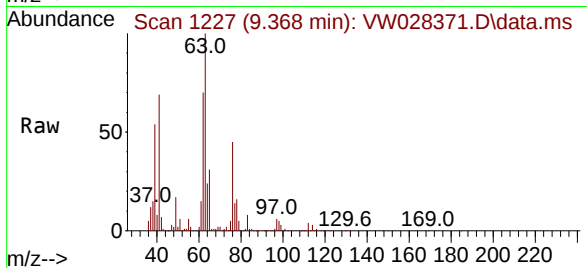
E1CY1MS

Tgt Ion: 63 Resp: 141574

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 20.167 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

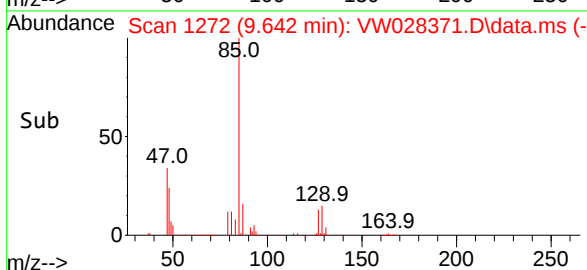
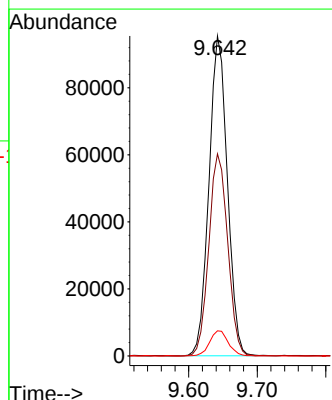
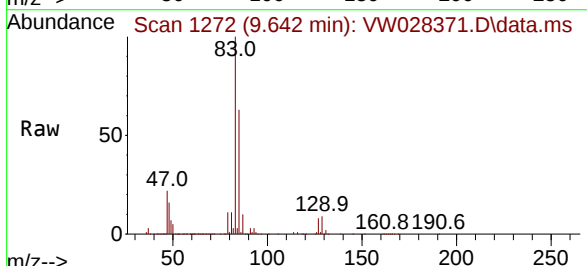
Tgt Ion: 83 Resp: 178117

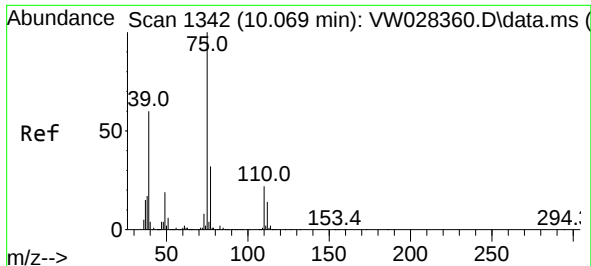
Ion Ratio Lower Upper

83 100

85 63.2 43.1 80.1

127 7.9 6.4 9.6

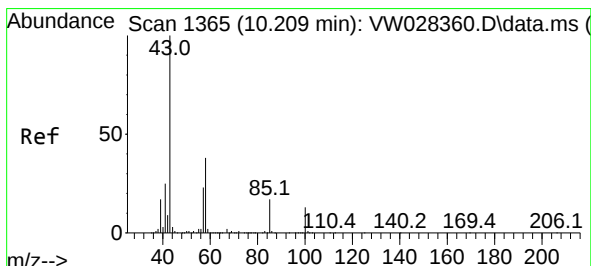
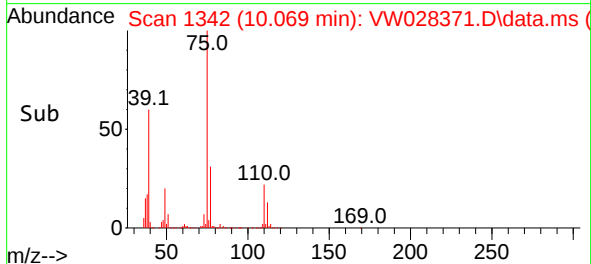
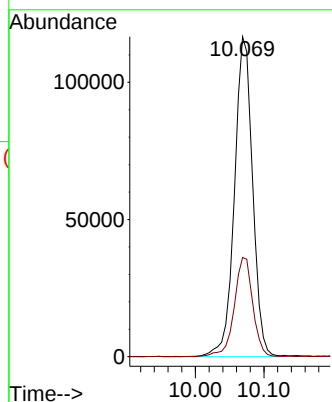
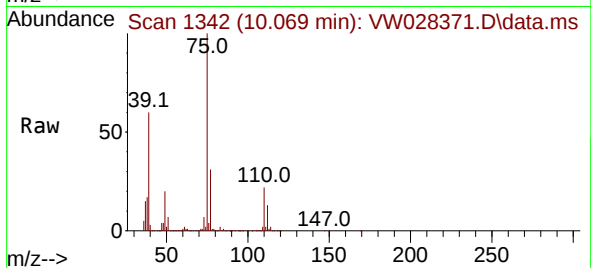




#39
 cis-1,3-Dichloropropene
 Concen: 20.583 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

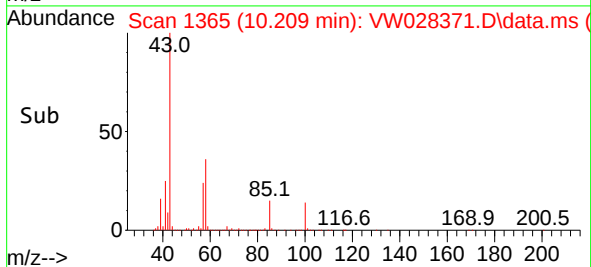
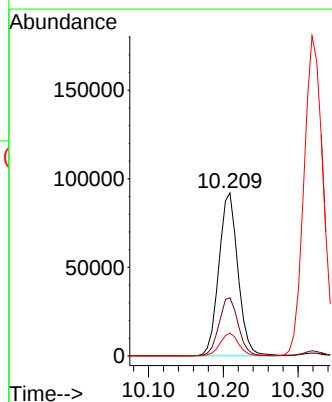
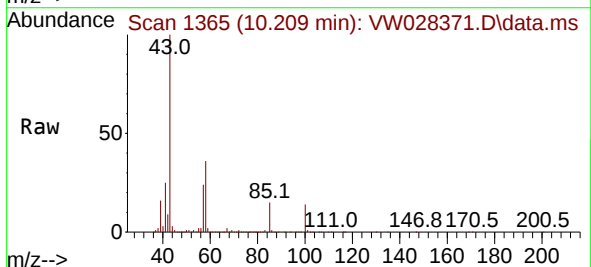
Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MS

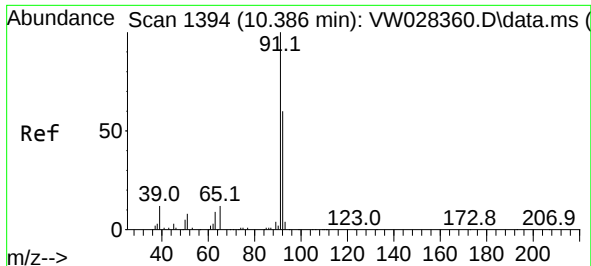
Tgt Ion: 75 Resp: 215076
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 45.806 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Tgt Ion: 43 Resp: 163392
 Ion Ratio Lower Upper
 43 100
 58 36.4 28.6 43.0
 100 13.9 10.6 16.0

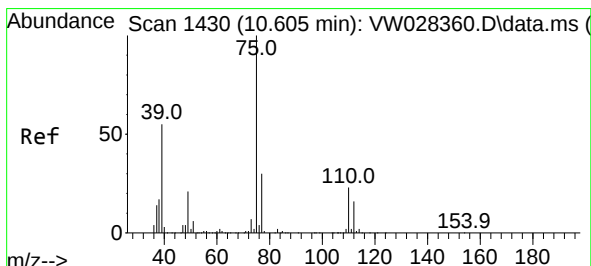
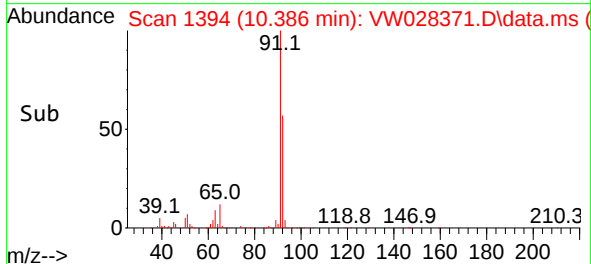
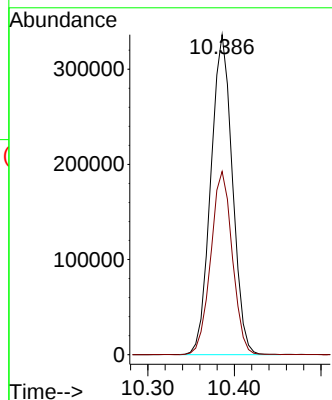
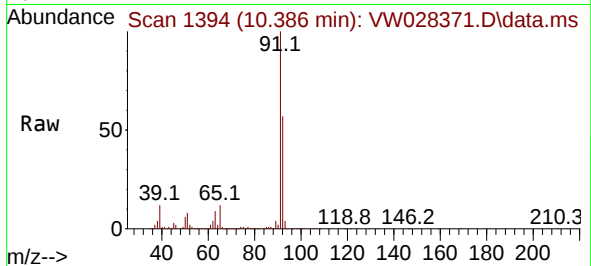




#42
Toluene
Concen: 20.081 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

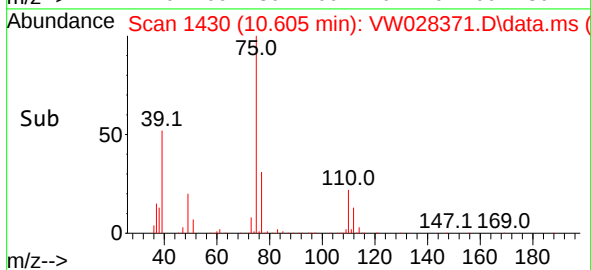
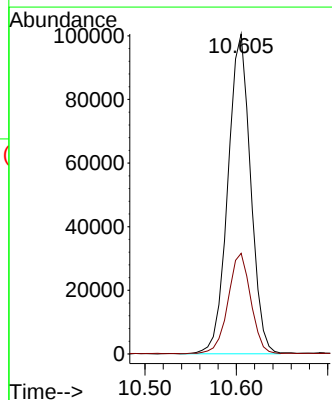
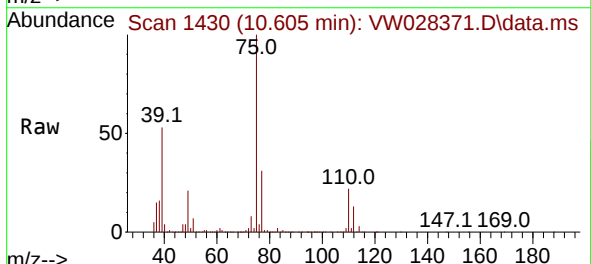
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

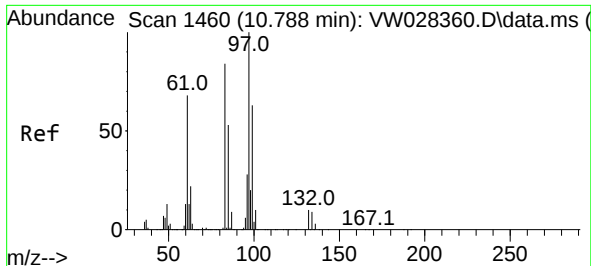
Tgt Ion: 91 Resp: 581624
Ion Ratio Lower Upper
91 100
92 57.2 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 20.492 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 75 Resp: 173224
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 19.762 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MS

Tgt Ion: 97 Resp: 95270

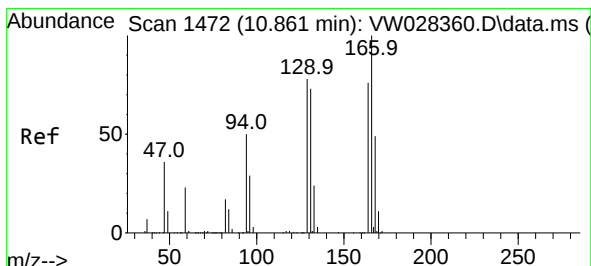
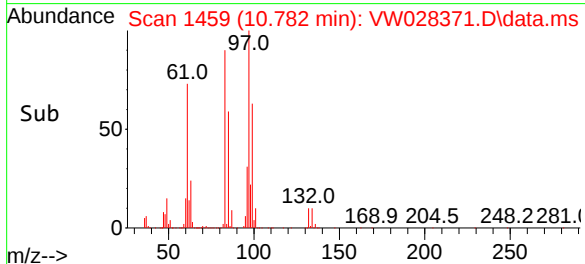
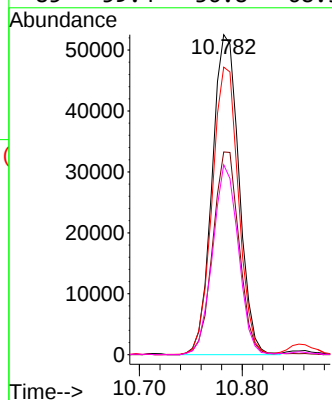
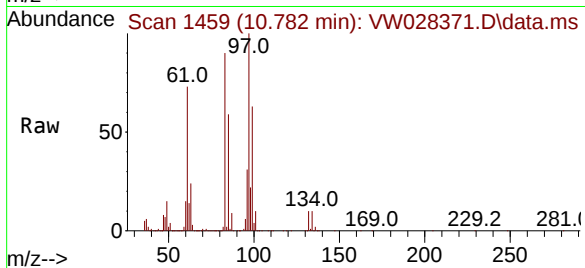
Ion Ratio Lower Upper

97 100

99 63.3 44.2 82.2

83 89.8 56.4 104.7

85 59.4 36.8 68.3



#46

Tetrachloroethene

Concen: 19.223 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Tgt Ion:164 Resp: 106383

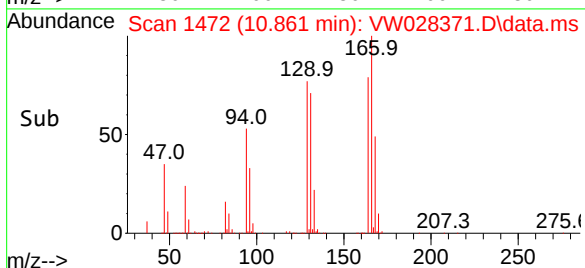
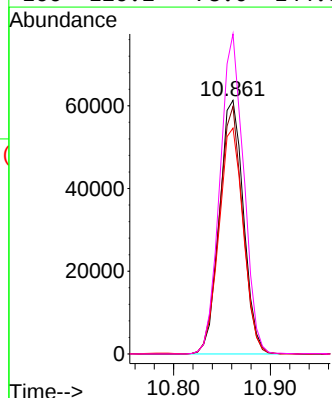
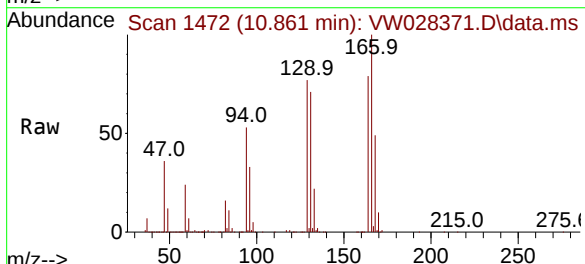
Ion Ratio Lower Upper

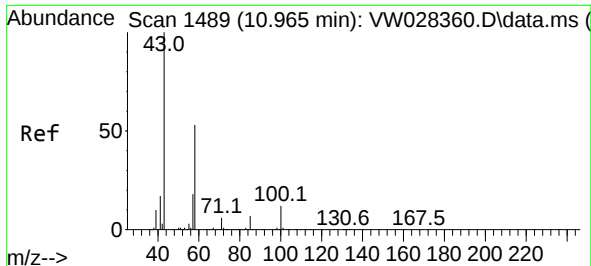
164 100

129 97.6 59.7 110.9

131 89.1 58.2 108.2

166 126.2 78.0 144.8

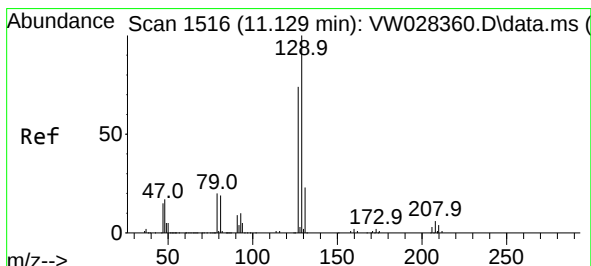
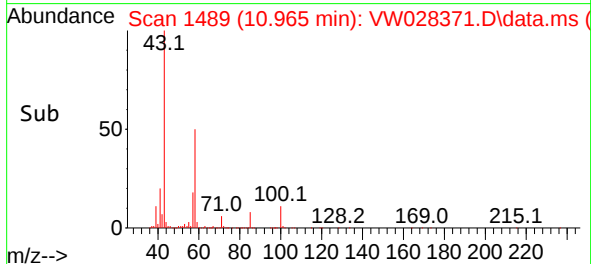
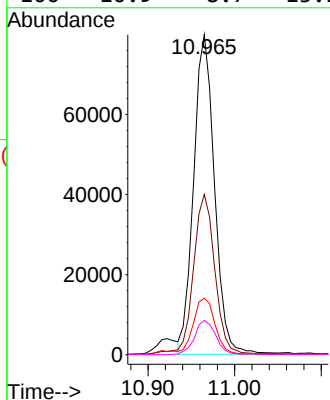
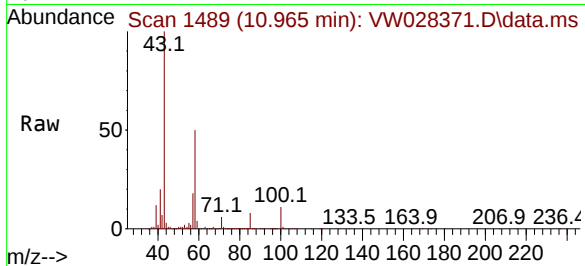




#48
2-Hexanone
Concen: 47.232 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

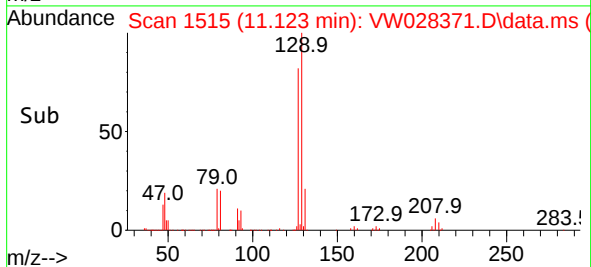
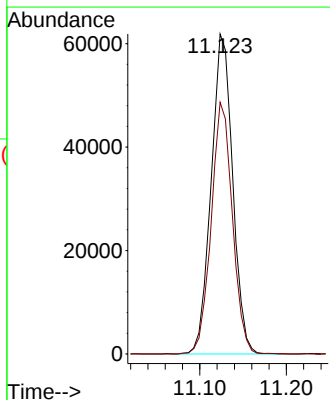
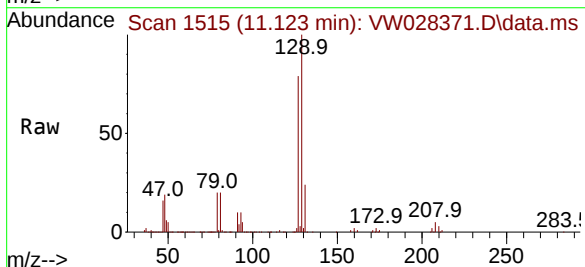
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

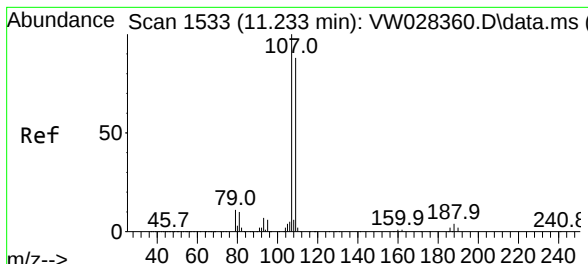
Tgt Ion: 43 Resp: 133733
Ion Ratio Lower Upper
43 100
58 51.5 38.9 58.3
57 18.3 14.4 21.6
100 10.9 8.7 13.1



#49
Dibromochloromethane
Concen: 20.682 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 129 Resp: 106567
Ion Ratio Lower Upper
129 100
127 78.7 53.0 98.4



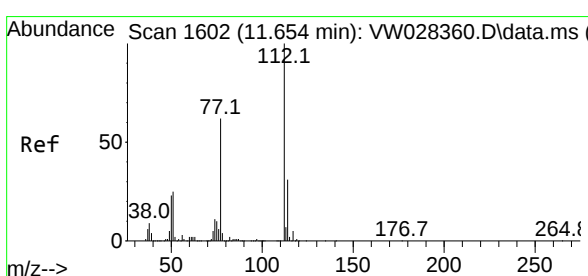
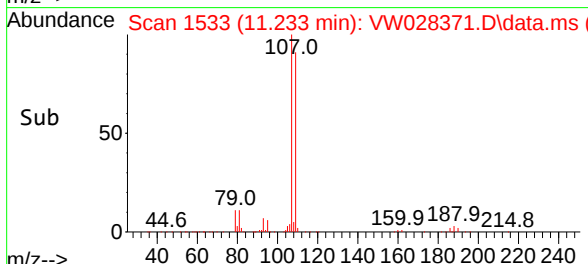
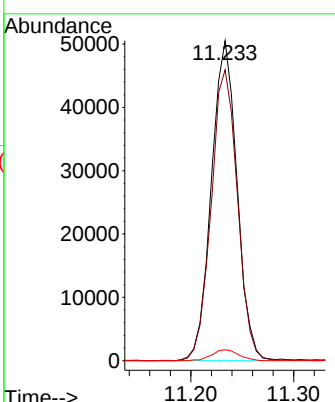
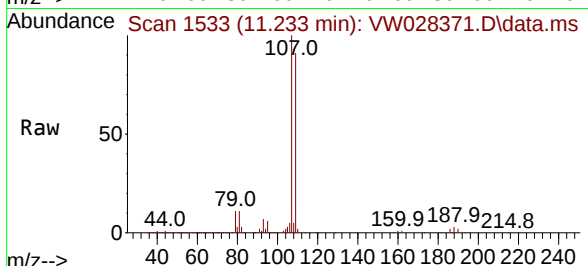


#50
 1,2-Dibromoethane
 Concen: 19.828 ug/L
 RT: 11.233 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MS

Tgt Ion:107 Resp: 87242

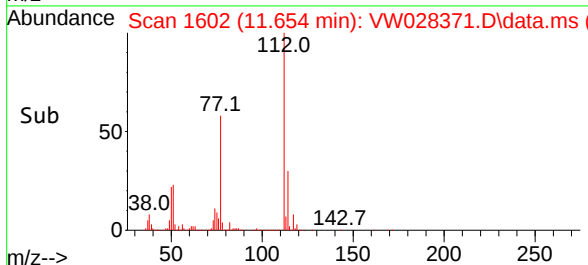
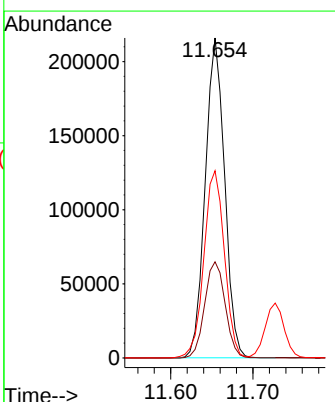
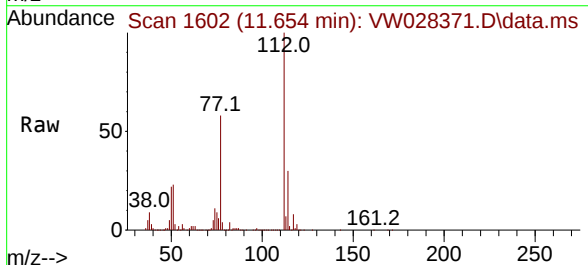
Ion	Ratio	Lower	Upper
107	100		
109	90.9	62.1	115.3
188	3.4	3.2	4.8

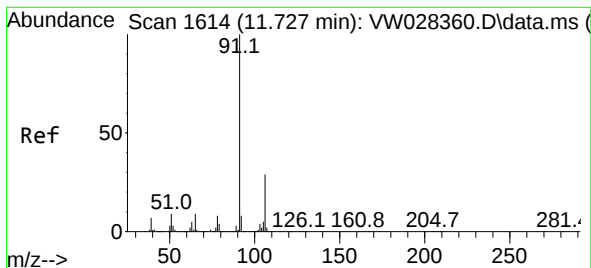


#51
 Chlorobenzene
 Concen: 19.619 ug/L
 RT: 11.654 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VW028371.D
 Acq: 09 Apr 2024 18:15

Tgt Ion:112 Resp: 353197

Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.3	41.3
77	58.5	51.8	77.8

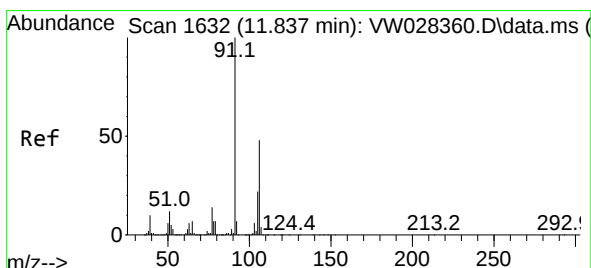
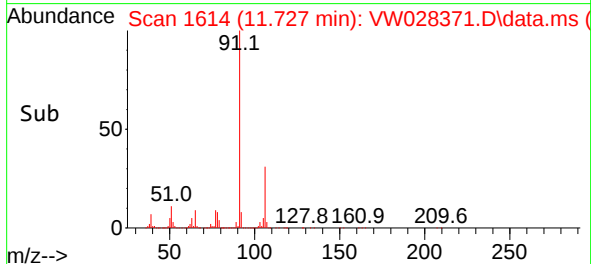
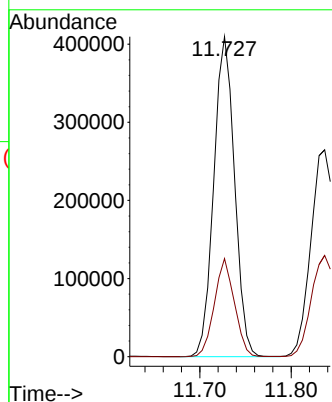
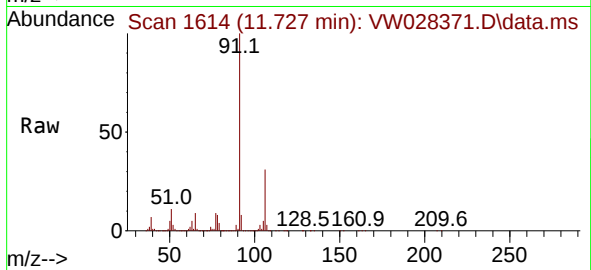




#52
Ethylbenzene
Concen: 19.747 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

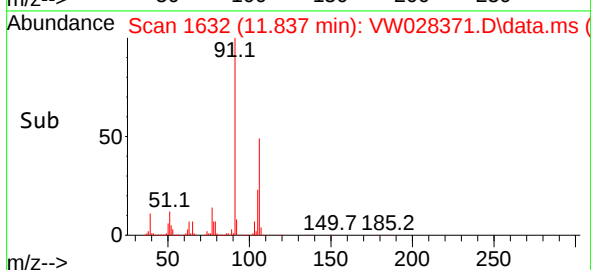
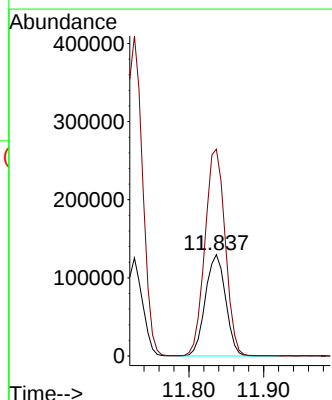
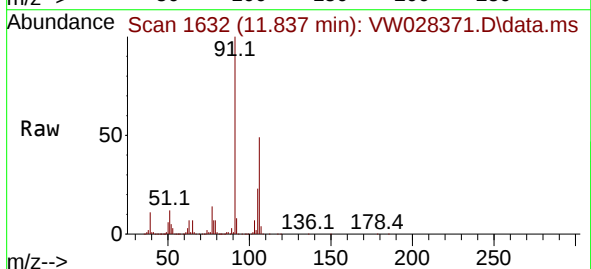
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

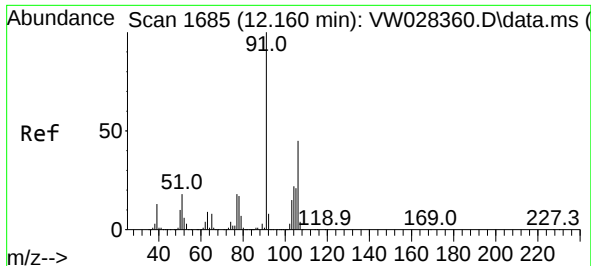
Tgt Ion: 91 Resp: 648321
Ion Ratio Lower Upper
91 100
106 30.7 21.2 39.4



#53
m,p-Xylene
Concen: 20.002 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 106 Resp: 244214
Ion Ratio Lower Upper
106 100
91 204.1 152.4 283.0

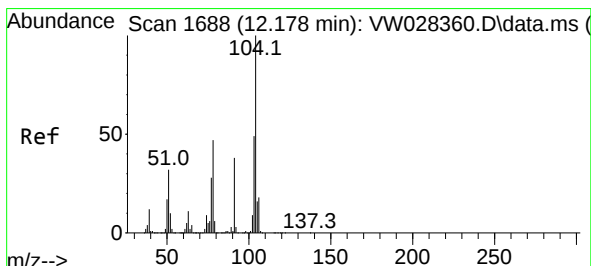
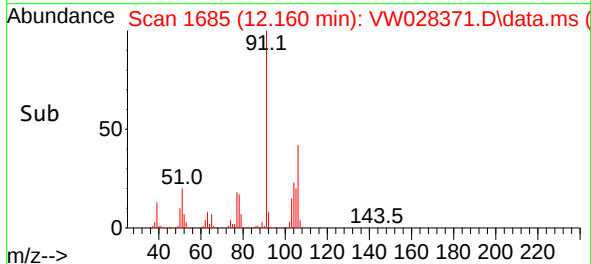
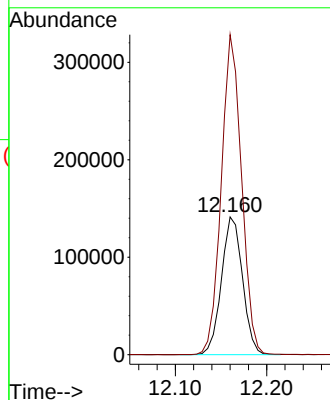
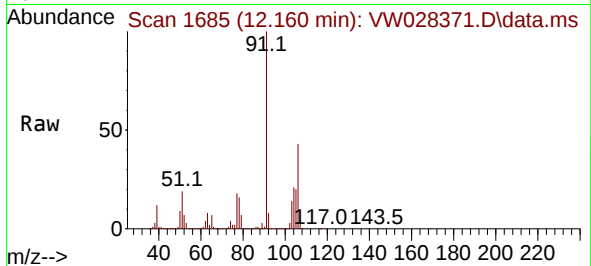




#54
o-Xylene
Concen: 19.938 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

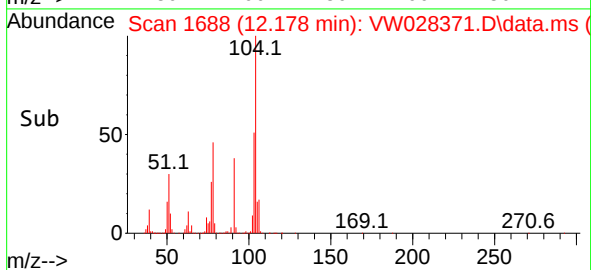
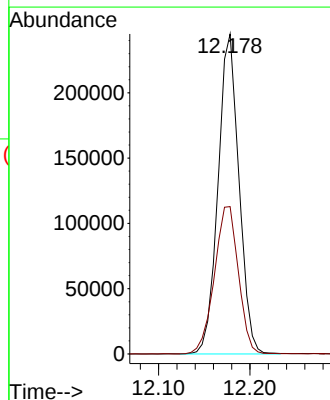
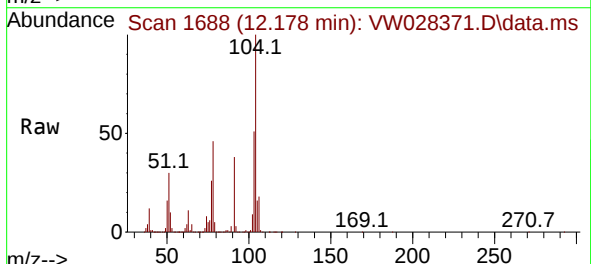
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

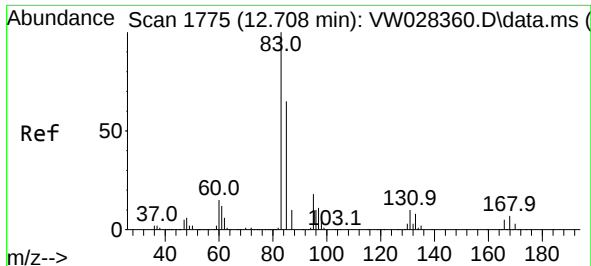
Tgt Ion:106 Resp: 226664
Ion Ratio Lower Upper
106 100
91 232.2 152.9 283.9



#55
Styrene
Concen: 20.145 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion:104 Resp: 389774
Ion Ratio Lower Upper
104 100
78 46.0 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 20.426 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MS

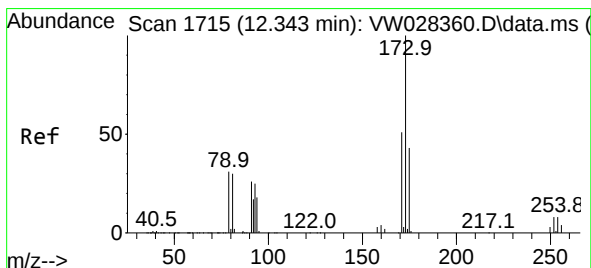
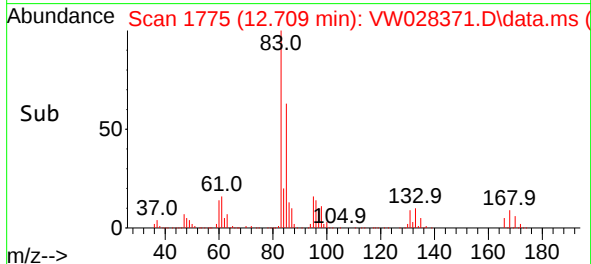
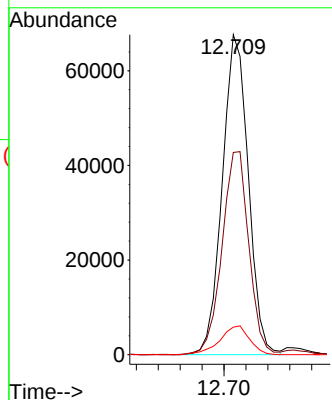
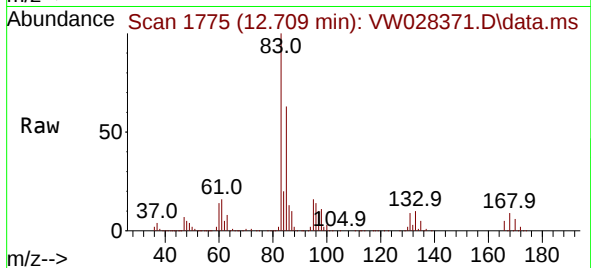
Tgt Ion: 83 Resp: 111438

Ion Ratio Lower Upper

83 100

85 63.2 43.4 80.6

131 8.6 8.0 12.0



#59

Bromoform

Concen: 21.372 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

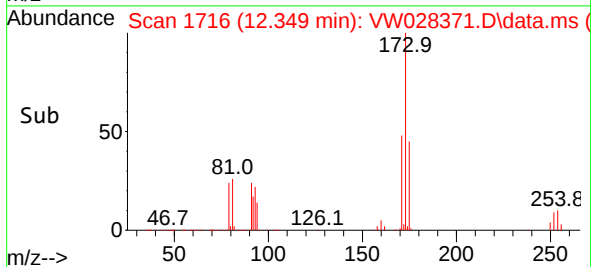
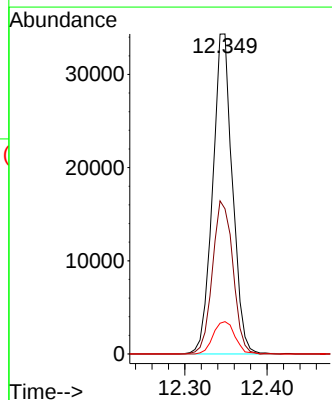
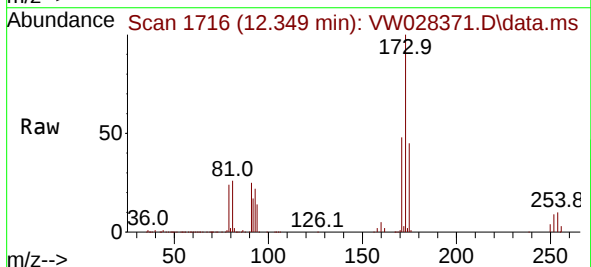
Tgt Ion:173 Resp: 57361

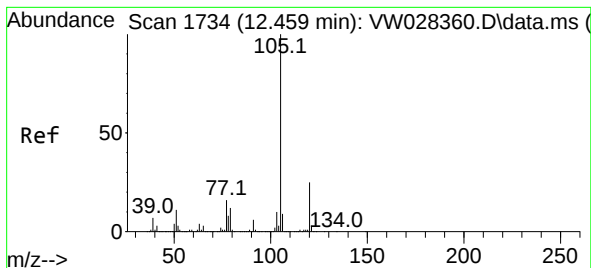
Ion Ratio Lower Upper

173 100

175 49.6 39.2 58.8

254 11.1 8.3 12.5





#60

Isopropylbenzene

Concen: 21.108 ug/L

RT: 12.459 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MS

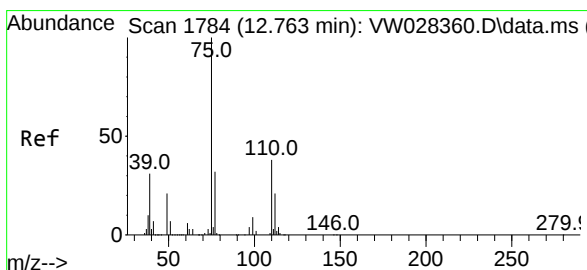
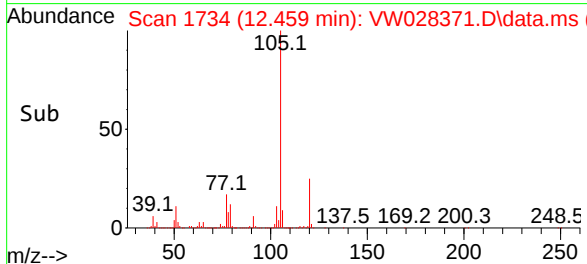
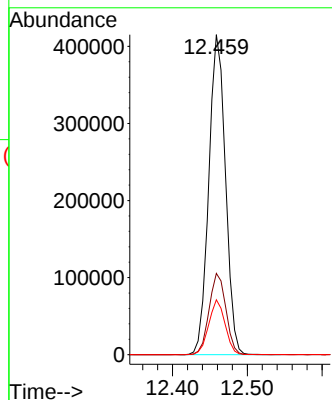
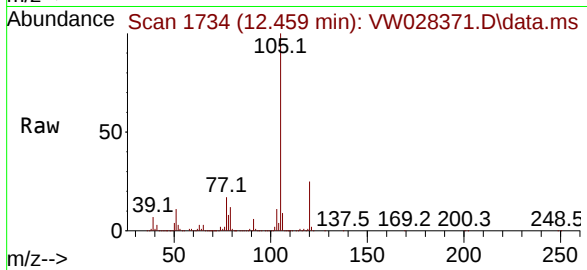
Tgt Ion:105 Resp: 643424

Ion Ratio Lower Upper

105 100

120 25.6 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.394 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

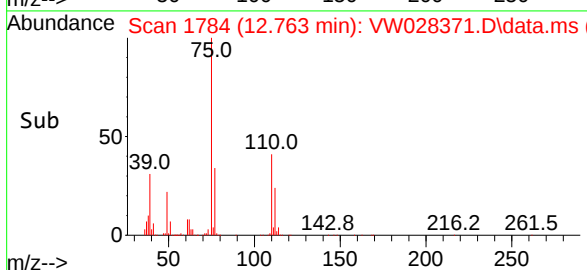
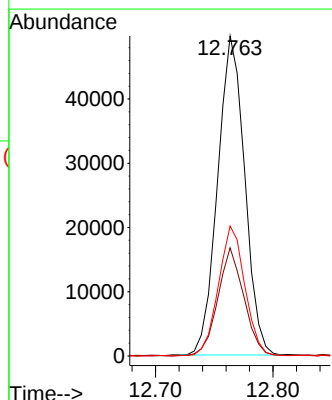
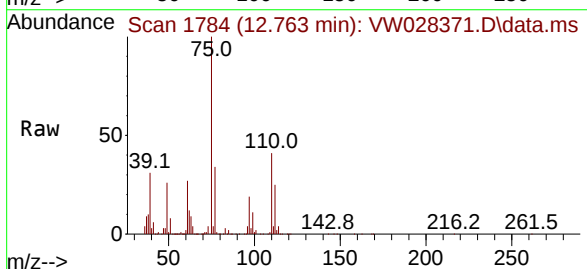
Tgt Ion: 75 Resp: 79528

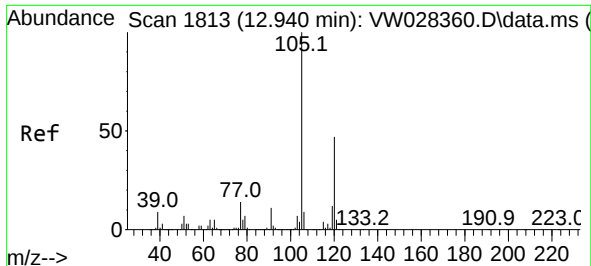
Ion Ratio Lower Upper

75 100

77 32.7 26.1 39.1

110 39.9 30.6 46.0

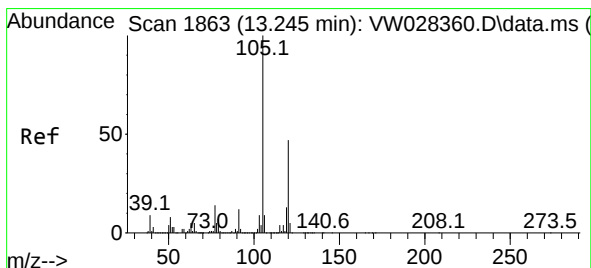
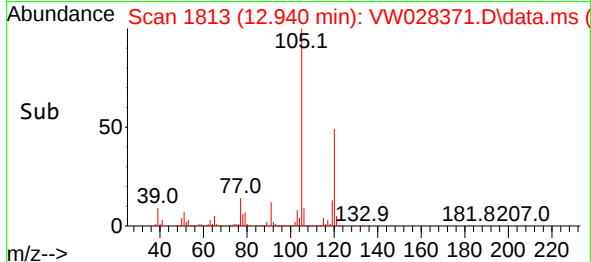
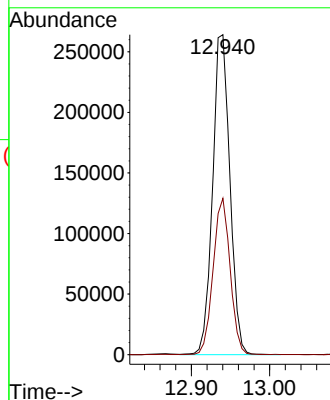
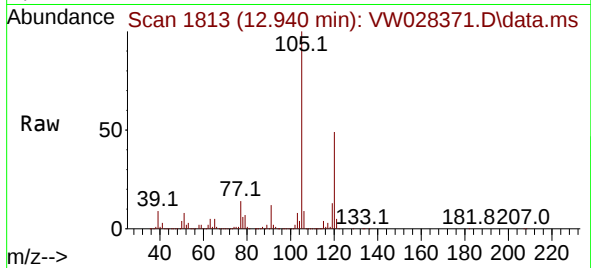




#62
1,3,5-Trimethylbenzene
Concen: 20.841 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

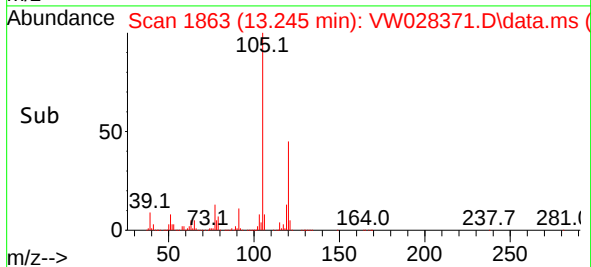
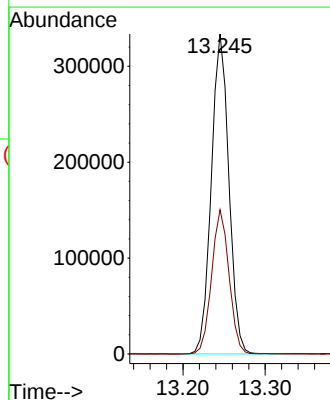
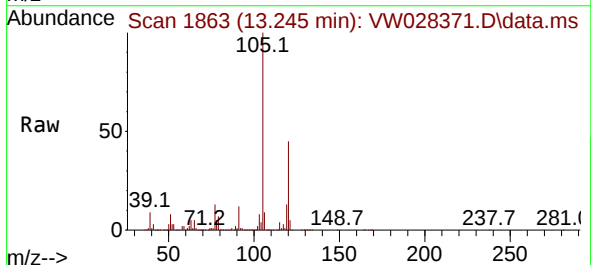
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

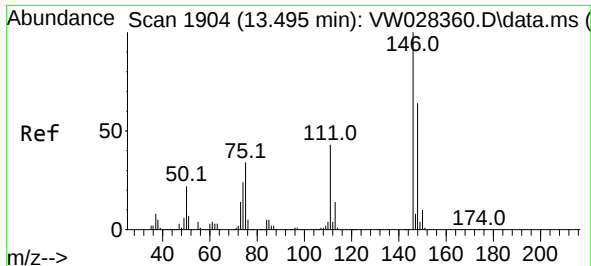
Tgt Ion:105 Resp: 404894
Ion Ratio Lower Upper
105 100
120 48.1 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 21.212 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion:105 Resp: 495964
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.0

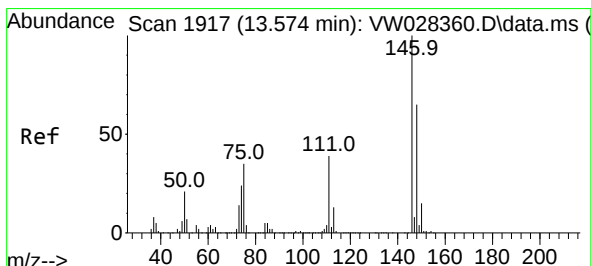
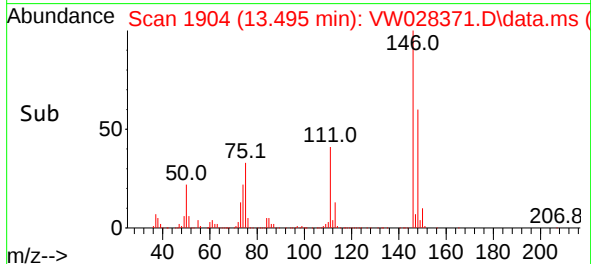
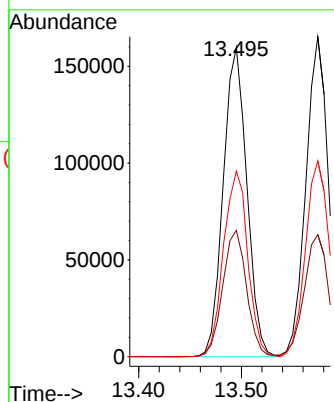
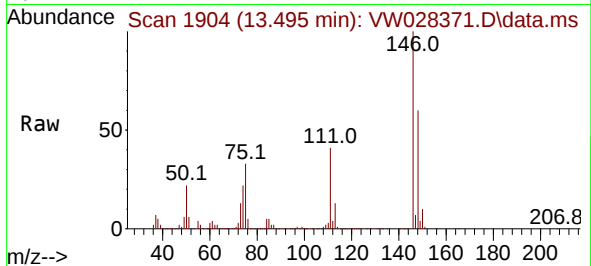




#64
1,3-Dichlorobenzene
Concen: 19.689 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

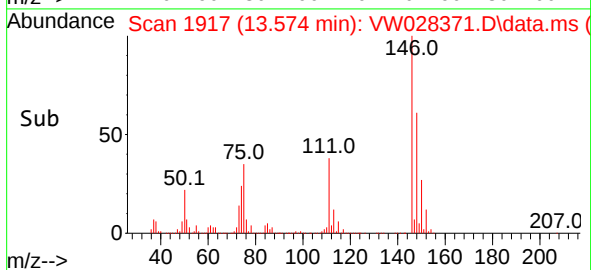
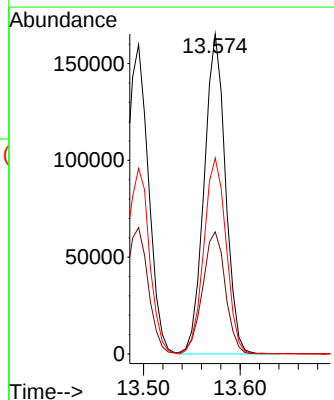
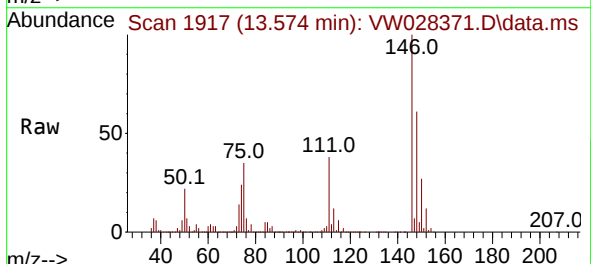
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MS

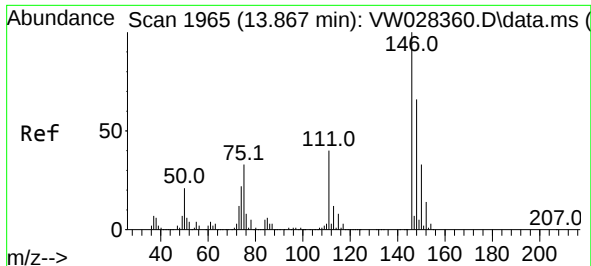
Tgt Ion:146 Resp: 254654
Ion Ratio Lower Upper
146 100
111 40.9 29.8 55.3
148 60.0 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 19.239 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028371.D
Acq: 09 Apr 2024 18:15

Tgt Ion:146 Resp: 253120
Ion Ratio Lower Upper
146 100
111 38.1 30.3 56.3
148 61.2 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 19.936 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MS

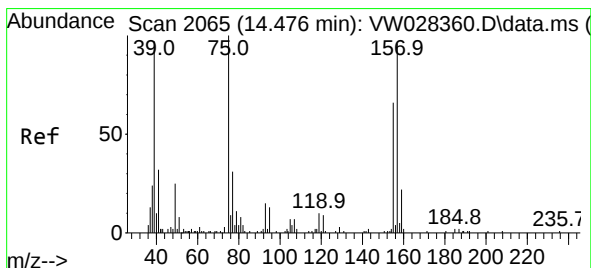
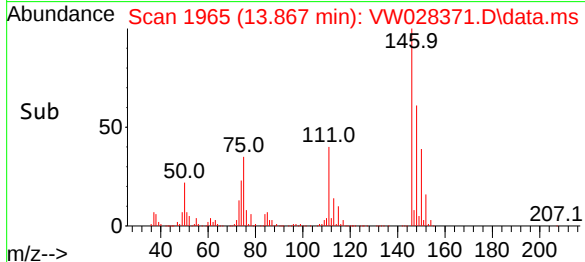
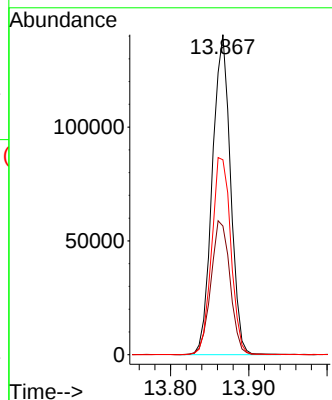
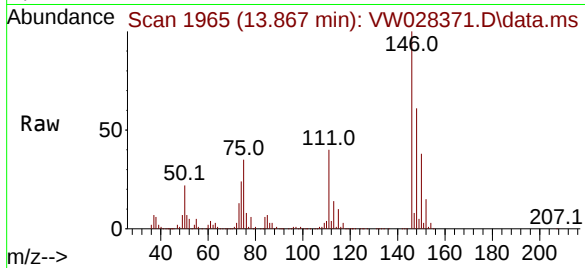
Tgt Ion:146 Resp: 226813

Ion Ratio Lower Upper

146 100

111 40.2 31.4 47.2

148 60.9 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.771 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

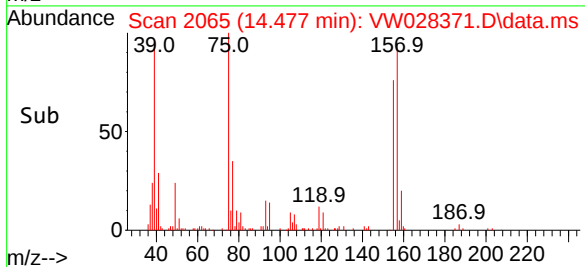
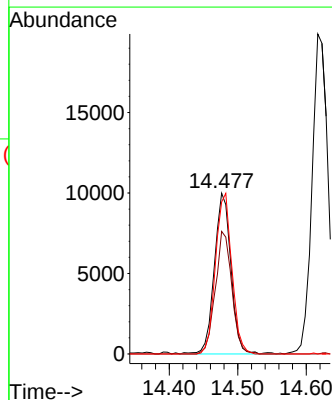
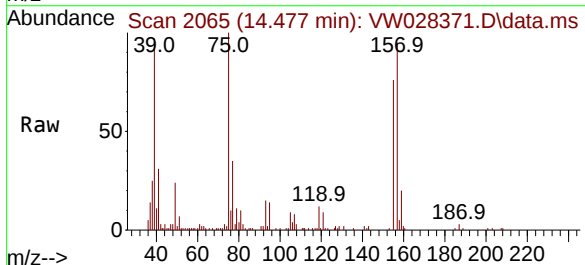
Tgt Ion: 75 Resp: 16841

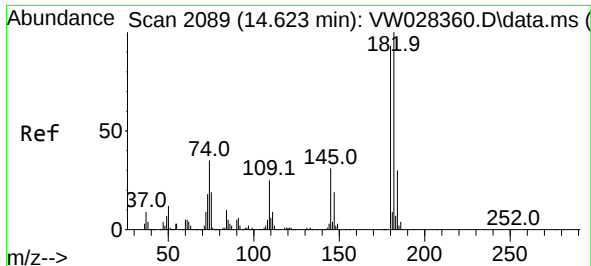
Ion Ratio Lower Upper

75 100

155 76.2 61.2 91.8

157 94.6 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 17.784 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MS

Tgt Ion:180 Resp: 158278

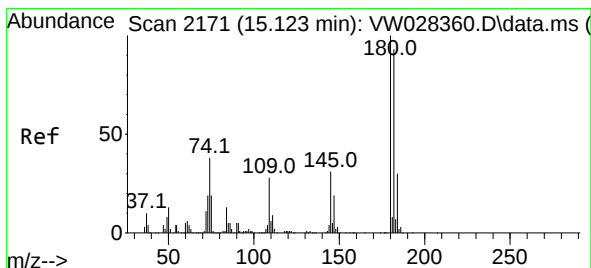
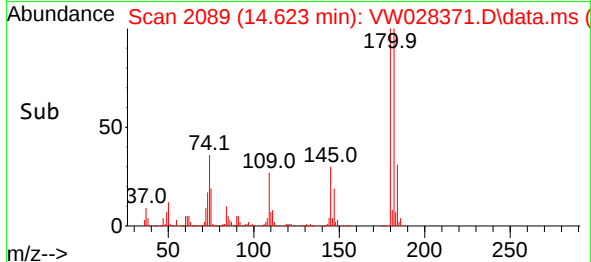
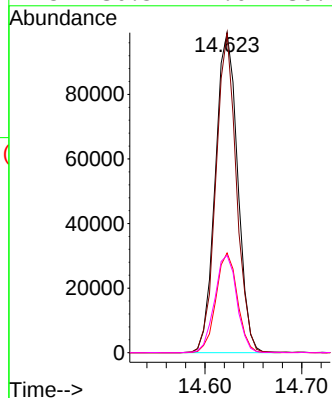
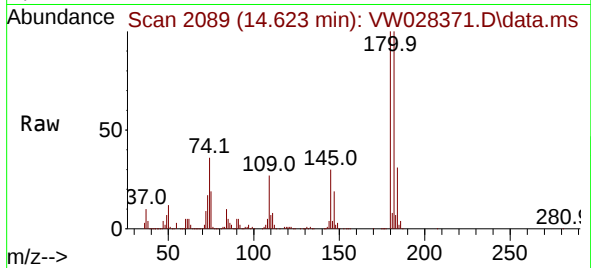
Ion Ratio Lower Upper

180 100

182 92.3 77.4 116.0

184 30.1 24.8 37.2

145 30.5 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 17.444 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

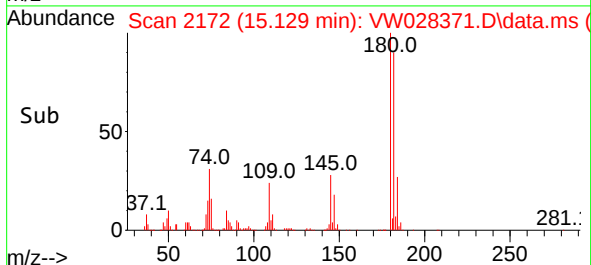
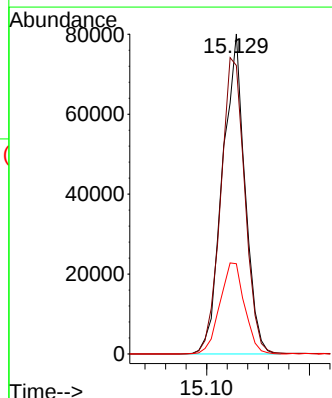
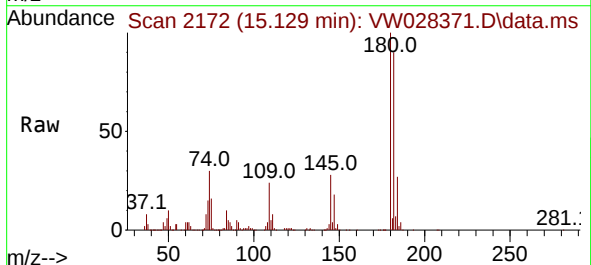
Tgt Ion:180 Resp: 121241

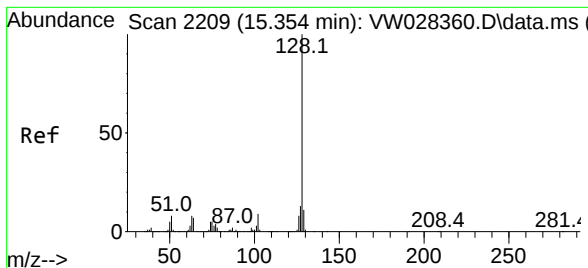
Ion Ratio Lower Upper

180 100

182 99.6 71.5 107.3

145 31.3 23.5 35.3





#71

Naphthalene

Concen: 20.303 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MS

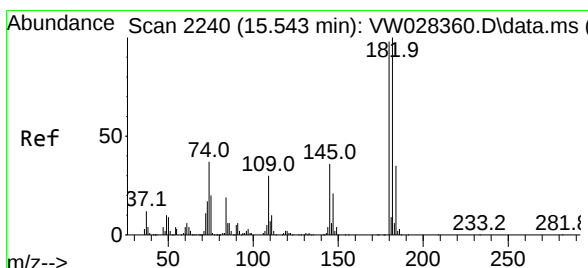
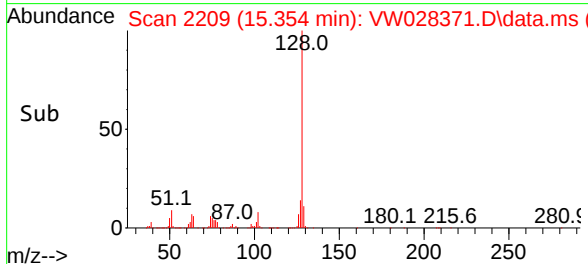
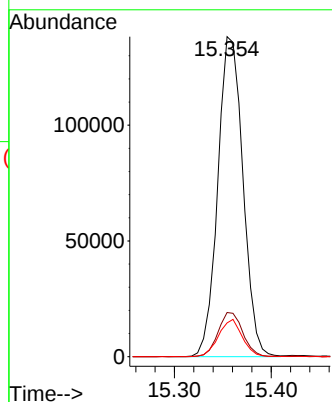
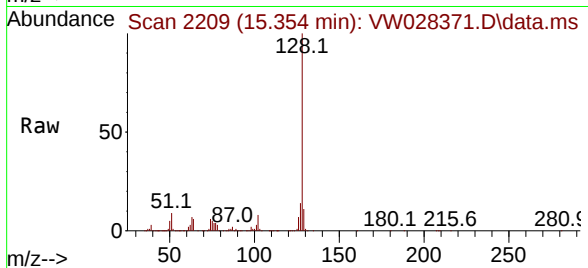
Tgt Ion:128 Resp: 249739

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 17.119 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028371.D

Acq: 09 Apr 2024 18:15

Tgt Ion:180 Resp: 105581

Ion Ratio Lower Upper

180 100

182 91.7 75.7 113.5

145 34.4 26.2 39.4

